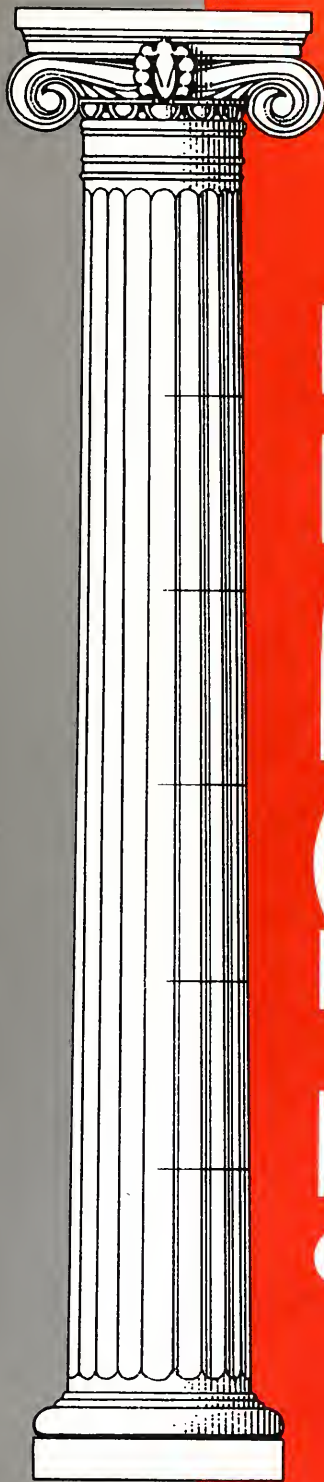
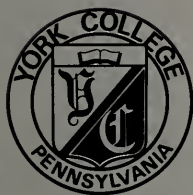


Bill Markley



YORK

College





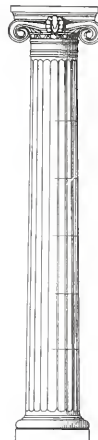
York College of Pennsylvania

A COEDUCATIONAL COLLEGE GRANTING
ASSOCIATE, BACCALAUREATE AND MASTER'S
DEGREES

(For details on graduate courses in business ad-
ministration, nursing, and criminal justice please
contact the respective department chair.)

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*Excellence and value
in private education*



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and Secondary Schools

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National Recreation and Park Association

American Medical Association: Committee on Allied Health Education and Accreditation

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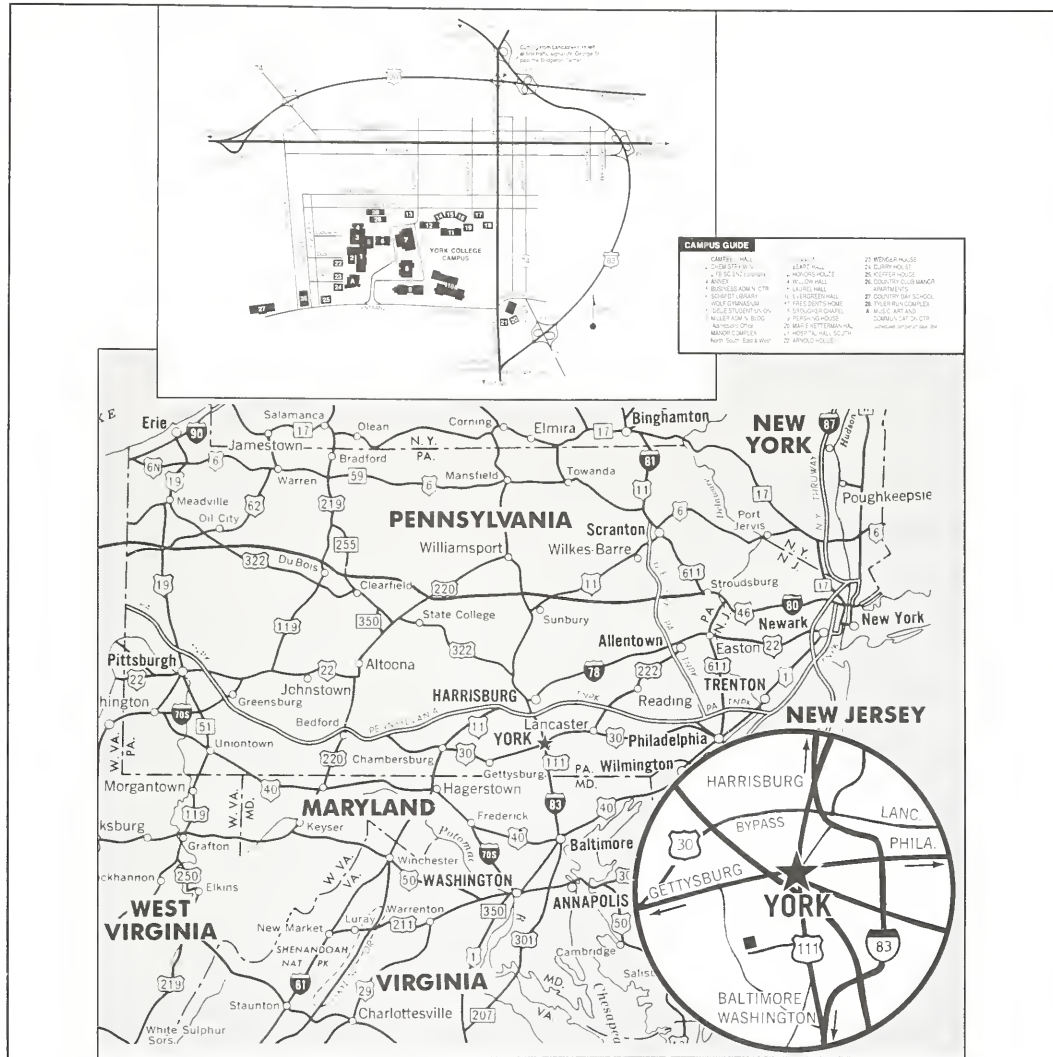
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Traveling time from ...

New York City:

Take Route 80 west to Route 287 south, continue to Route 22-78 west (Clinton), then to Route 81 (Harrisburg), follow Route 83 south (York) and follow directions from Harrisburg. Approximate driving time: 4 1/2 hours.

—OR—

Take the New Jersey Turnpike (Route 95 south), continue to Pennsylvania Turnpike (Route 76 west), take Turnpike to Exit 21, Route 222 south to Route 30 west. Take Route 30 west and follow directions from Lancaster. Approximate driving time: 4 1/2 hours.

Philadelphia, PA:

Take Pennsylvania Turnpike (Route 76 west) to Exit 21, Route 222 south to Route 30 west. Take Route 30 west and follow directions from Lancaster. Approximate driving time: 2 hours.

Pittsburgh, PA:

Take Pennsylvania Turnpike (Route 76 east) into Harrisburg. Get off at West Shore exit 18 to Interstate 83 south to exit 6W at 3rd traffic light, make left on Rathton Rd. Approximate driving time: 4 hours.

Lancaster, PA:

Take Route 30 west to Interstate 83 south. Take Exit 6W and turn left at third traffic light (Rathton Road). Approximate driving time: 45 minutes.

Harrisburg, PA:

Take Interstate 83 south to Exit 6W and turn left at third traffic light (Rathton Road). Approximate driving time: 45 minutes.

Baltimore, MD:

Take Beltway 695 north to Interstate 83 north, take Exit 5, Business Route 83 north. Approximate driving time: 1 hour.

Washington, DC:

Take Beltway 495 to Route 95 north, to Baltimore Beltway 695, (east or west), then take Interstate 83 north, to Exit 5, Business Route 83 north. Approximate driving time: 2 hours.



York College of Pennsylvania

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York College of Pennsylvania
York, Pennsylvania 17405-7199

Telephone (717) 846-7788

Visitors: York College welcomes visitors. Office hours during the academic year (September through Spring Commencement) are 8:30 a.m.–5:00 p.m. weekdays. During the summer most offices close at 11:30 a.m. on Friday. The reception desk is open from 9:00 a.m.–1:00 p.m. Saturdays. Please request appointments with the Director of Admissions well in advance.

Rules: Students are governed by the rules, regulations and provisions included in this publication. The College reserves the right to withdraw or modify any course.

The General Catalog of York College presents essential information on institutional purposes, programs, faculty, extracurricular activities, facilities, and costs. It is designed to assist prospective students in deciding whether York is the right place for them to pursue their educational goals and to provide a ready reference for enrolled students.

Although this bulletin was prepared on the basis of the best information available at the time of publication, the College reserves the right to change any provisions, regulations or requirements set forth within, without notice or obligation.

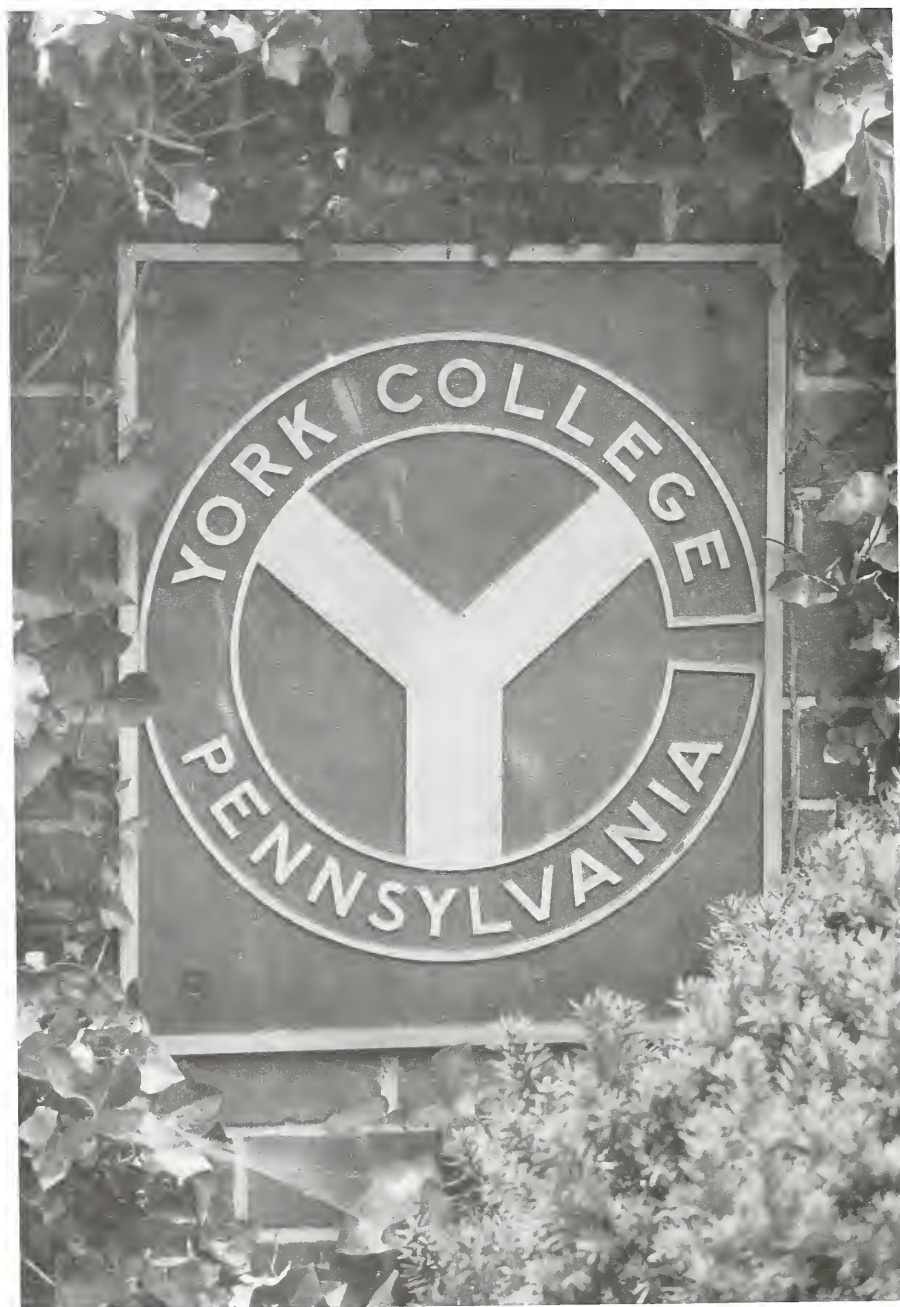
York College of Pennsylvania does not discriminate because of race, color, religious creed, ancestry, national origin, sex, handicaps or age in employment procedures or in recruitment and acceptance of students.



York College of Pennsylvania Welcomes You

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A Message from the President



York College of Pennsylvania is a community of learners and learning, whose members share the common bond of active participation in academic and campus life. At York, we believe the collegiate experience at its best is a comprehensive process of personal development, which prepares graduates for productive roles in society, while facilitating their growth as individuals.

York is a venerable educational institution, tracing its heritage back to the early years of the American republic. Throughout its long history, York's mission has been to provide educational programs that prepare leaders for the professions, business, science and social service. In particular, the College has sought to contribute to the development of the York area, as it has progressed from its inception as a colonial era village to its contemporary role as the financial, governmental, and cultural center of a vibrant and economically diverse region.

York College, like the York community, has advanced significantly in size and sophistication and looks forward to a future of widening opportunities for service and excellence.

I hope your experience at York College is a fulfilling one and that we of the faculty and staff shall help you attain your academic goals and make plans for your future.

George W. Waldner

George W. Waldner, President



York College of Pennsylvania

Introduction

Institutional Profile, Mission, and Goals

OVERVIEW

York College of Pennsylvania is a private-sector, independent institution of higher education, which focuses on offering baccalaureate degree programs in the arts and sciences, business administration, education, public affairs, and nursing. Students may also enroll in courses leading to the associate degree and master's degree.

The College draws its 3000 full-time undergraduate and 1500 part-time and graduate students from some 30 states and 15 foreign countries. Typically, 60% of York's freshmen hail from Pennsylvania, 15% from New Jersey, and 10% from each of the states of Maryland and New York. Students from Virginia and Connecticut have been represented in increasing numbers in the student population in recent years. Others come from states up and down the East Coast and from abroad. Most of York's part-time and graduate students reside and are employed in the greater York area.

The College occupies an 80-acre, park-like campus, just beyond the York city (pop. 50,000) limits, in the rolling hills of the south central part of the state. Close to the heart of "Pennsylvania Dutch" country, York is one hour from Baltimore, two hours from Philadelphia or Washington, D.C., and four hours from New York City, Pittsburgh, or Richmond. Nearly half of its undergraduate students reside in college housing; others commute from their homes or live in rental housing in the vicinity of the campus.

York College envisions itself as a center of affordable academic excellence, and has received favorable national recognition for its success in offering a higher education program of high quality at a tuition rate substantially lower than the rates charged by institutions of similar type, scope, and distinction. York's effective control of tuition costs stems principally from the long-term, generous support of the College by its friends in the York community and its alumni. This support has provided both superior debt-free physical facilities and permanent endowment resources

sufficient to fund institutional scholarships and financial aid for needy students. York uses this fiscal strength in turn to provide a kind of "scholarship" to each of its students, in the form of relatively modest charges for tuition and campus housing.

York College is accredited by the Commission on Higher Education of the Middle States Association of Colleges and Schools, and has specialized accreditation for its nursing, allied health, and recreation programs.

HERITAGE

York College of Pennsylvania traces its institutional lineage to the York County Academy, which received its charter from the General Assembly of Pennsylvania on September 20, 1787, for the purpose of offering courses of instruction in "the learned and foreign languages, English, mathematics, and other useful branches of literature." The Reverend John Campbell of St. John's Episcopal Church played a leading role in the Academy's establishment and the early years of its operation. For well over a century the York County Academy functioned as a center of classical studies and the fine arts, educating thousands of persons who became leaders in local and national affairs as well as in the professions of education, medicine, and law.

In 1929, the Academy merged with the York Collegiate Institute, a sister institution which had been founded in 1873 by Samuel Small, a prominent businessman and philanthropist. In 1941, the trustees accepted the recommendation of the Institute's President, Dr. Lester F. Johnson, that the charter be amended to provide for a two-year liberal arts program at the prevailing college level. The new institution adopted the name York Junior College and appointed Dr. Johnson as its first president.

In the 1950's, the Junior College outgrew its physical facilities in the center of downtown York, as its academic capabilities advanced beyond the boundaries of a two-year program. Through the generosity of the trustees and other community leaders, a 57-acre site for a new campus was acquired and fund raising began to construct an entirely new and larger complex of campus buildings. In October of 1965, the new campus was dedicated, with words of commendation from then



Governor Scranton that the splendid new buildings testified to "private support and self-help at the local level." The new facilities, along with yet another successful capital campaign, also made feasible extension of the curriculum to a full bachelor's degree program in 1968, leading once again to a change in the institution's name, this time to York College of Pennsylvania.

In the last twenty-five years the College has continued its advancement as a center for learning, scholarship, public service, and cultural affairs. Curricular resources have grown notably, providing increasingly diverse and sophisticated educational offerings, including master's degree level courses. Total enrollment now exceeds 4500, with students coming from a widening geographic sphere. Yet, the full-time undergraduate enrollment of about 3000 students, an emphasis on teaching excellence, and the relatively high proportion of students residing on campus permit the preservation of the personal collegiate atmosphere that has characterized the York educational experience for over two hundred years.

MISSION

York College of Pennsylvania is dedicated to serving the multiple needs and aspirations of its full- and part-time students by offering associate and baccalaureate degrees, a master's degree in business administration, and some other graduate level courses.

The institution acknowledges its obligation to assist students in their preparation for the pursuit of careers. The College also is dedicated to providing an education rich in the liberal arts. The College strives to integrate these two approaches into a comprehensive educational experience. Emphasis on excellence in teaching permits implementation of this mission.

York College also seeks to maximize each student's potential for becoming a mature, responsible individual with integrity and respect for self and others. It attempts to instill in each student a lifelong commitment to personal and intellectual growth. The College acquaints students with multiple aspects of the contemporary world so that they become more effective citizens of their community, state and nation. While the College seeks especially those students who have already demonstrated the potential to excel in academic life, it also recognizes that there are other students whose secondary level preparation could have been stronger, but who have a high level of motivation for college work. Some carefully selected students of this type are admitted and given the opportunity and special support to achieve success.

York College of Pennsylvania is an integral part of the York County Community. The College nourishes

and is nourished by the community. The College perceives an obligation to provide academic and cultural resources to community members.

GOALS

York College of Pennsylvania implements its educational mission by striving to accomplish the following goals:

1. To offer programs of study which lead to the Associate, Baccalaureate, and Master's degrees.
2. To provide for all undergraduate students a broad core curriculum which includes each of the following areas: English and communication skills, mathematics, laboratory science, humanities, behavioral and social sciences, foreign language and culture, American civilization, and physical education.
3. To offer courses for credit on a part-time basis for those not wishing to attend full-time, and other programs of interest to members of the local community.
4. To make available a wide array of extracurricular educational activities.
5. To offer non-credit courses and enrichment programs for interested members of the community.
6. To serve as a cultural center for the student body and for members of the community.

The faculty, administration, and Board of Trustees assess the mission and goals of the College on a continuous basis to ascertain how fully the programs designed to fulfill them are producing their intended results. Such procedures of self-evaluation are considered to be fundamental and essential for ensuring institutional integrity and effectiveness.

LOCATION

York College of Pennsylvania's address is in its name—York, Pennsylvania, a city of 50,000 situated in the heart of the Middle Atlantic population corridor. The campus is located on Country Club Road, two miles south of the city center's Continental Square. The Greater York Area includes a total of more than 250,000 people.

York's most exciting moment in history came during the American Revolution, when the British advance on Philadelphia caused the Continental Congress to relocate to York, making the town the capital of the nascent nation. During the winter of 1777-78, Congress convened in the York County Courthouse and adopted, among other important documents, the country's first constitution, the Articles of Confederation, in which the official name, the United States of America, was used for the first time. Congress also proclaimed the nation's



first Thanksgiving holiday while in York, as a day of gratitude for the American victory at Saratoga.

Today, York is an economically diverse and dynamic area, with some of the country's most fertile farm land as well as world class manufacturing enterprises, including headquarters of several "Fortune 500" companies.

FACILITIES

The campus is bordered by residential neighborhoods, a small shopping plaza, York Hospital, and a park. The campus consists of a complex of eleven air-conditioned buildings including:

Schmidt Library: Newly automated and renovated in 1990, Schmidt Library offers students the latest in information technology. YorCat, the online catalog, provides access to over 120,000 books, government publications, and audio visual items. CD-ROM reference sources provide access to articles in over 1,000 periodicals. CD-CAT and a union list of serials make over two million additional titles in cooperating libraries available to YCP students. Reference service, library instruction, database searching, and interlibrary loan are important daily priorities. Facilities include conference rooms, photocopiers, word processors, and an audiovisual production area. The Library also houses the Lincoln Room (special collections), the Oral History Center, and the Writing Center.

Melvin H. Campbell Hall: The facility contains lecture halls, science laboratories, a language laboratory, and general purpose classrooms.

In 1983, a major renovation of existing chemistry laboratories, coupled with a one million dollar addition of classrooms and laboratories, created Campbell Hall's Chemistry Wing.

Life-Sciences Building: Completed in 1974, the Life-Sciences Building contains nine laboratories, a theater, general purpose classrooms, faculty offices, and conference rooms.

Business Administration Center: Completed in 1989, the Center contains the main academic computer, microcomputer laboratories, classrooms, faculty offices, and the Glatfelter Telecommunications Center.

The Academic Computer Center: This facility is equipped with a VAX 6310 computer with 60 terminals, 65 MS-DOS IBM compatible microcomputers and 30 APPLE microcomputers. This equipment is made available exclusively for student and faculty use for a variety of programming, computational and word processing purposes.

Life-Sciences Annex: Completed in 1981, the Life-Sciences Annex contains a theater workshop area, an art studio, four classrooms, a seminar room, faculty offices and a faculty lounge.

Music, Art, and Communications Center: This newest addition to the campus is scheduled for completion in June 1994. Its 60,000 square feet include facilities for instruction in music, art, broadcast communications and media as well as a 208-seat recital hall, art gallery, and faculty offices.

Gymnasium Complex: This three-level complex houses complete physical education and athletic facilities and the upper level Charles Wolf Gymnasium serves as well as an 1,800-seat auditorium for lectures, concerts, and meetings. An olympic-size swimming pool and two complete gymnasium floors feature ample spectator seating.

Bookstore: The Bookstore, located in the lower level of the gymnasium, offers an excellent variety of products that support academic work. In addition to being the source for all textbooks, providing both new and used books, the store provides a buy back system each semester to recycle unwanted books. The College logo is prominent throughout the store on clothing, glassware and academic supplies. The Bookstore offers a variety of personal care items and services. The Bookstore staff are knowledgeable student and College personnel who serve the Academic Community daily.

Robert V. Iosue Student Union: This facility contains the Johnson Dining Room which seats 600, Buechel Lounge, Alumni Hall, 1770s Room, the Spart's Den, which occasionally offers live entertainment, a kitchen equipped to prepare meals for 1,000 students at one time, lounge areas, a snack bar, T.V. room, video arcade, conference rooms and offices for: Counseling Services, Career Services, Food Services, Student Senate, Security, WVYC FM 88 Radio Station, Intramurals, senior class officers, student newspaper, yearbook, veterans, chaplains, student organizations, and the Health Center.

Ray A. Miller Administration Building: Located along Country Club Road, this office building houses all of the operating divisions of the College, including Admissions, Academic Affairs, Student Affairs, Computer Center, Advancement and Business Affairs.

Brougher Chapel: This campus interfaith chapel serves as the center of worship for all faiths in the campus community. It is located on the northeastern corner of the campus near the president's home and Springettsbury Avenue. In addition to the main worship area it contains space for religious activities, meditation, counseling and appropriate events. The Catholic and Protestant Chaplain's offices are located in the chapel as well.

COLLEGE HOUSING

The facilities listed below accommodate York College's resident students. Many options are offered, both on and near the campus proper, to meet the needs and



interests of students in each class. The College's residential facilities were designed to permit progressively greater independence for students as they progress through their years on campus. Resident Directors and Assistants staff each facility to supervise activity, develop programs, handle administrative requirements and assist each student to achieve appropriate personal, educational and developmental benefits from residence on campus.

A student who wishes to reside on campus or in College-owned or operated apartments must submit a Housing Application/Contract Card and a \$200 deposit to the Business Office. Space is assigned and housing is guaranteed according to a "first-come, first-served" procedure based on the date your deposit is received. An early response may, therefore, assure the student of College housing.

TRADITIONAL HOUSING

Traditional Residence Halls

York College offers both single sex and co-ed facilities with long dormitory-style hallways. Each traditional hall houses between 120 and 170 people with 30-60 students living on each floor. Students residing in traditional facilities are required to participate in the College meal plan.

Penn Hall: This residence for women houses approximately 130 students in mainly double-occupancy rooms. It offers a lovely lounge and recreation area, Director's Office, reading, study and conference facilities and a laundry and kitchenette for student use.

Beard Hall: Similar in design and adjacent to Penn Hall, this co-ed residence houses approximately 130 students mainly in double-occupancy rooms. It includes an expansive lounge and recreation area, a Director's Office and laundry facilities. Beard Hall provides a somewhat more intimate atmosphere than may be found in the larger, traditional halls.

Manor North: This traditional men's residence houses approximately 170 students mainly in double-occupancy rooms. It features a spacious reading and study area, a recreation room, a Director's Office and laundry facilities.

Manor South: A Director's Office, lounge and recreation area provide an exciting community focus in this traditional co-ed residence. Over 120 students live in the facility.

NON-TRADITIONAL HOUSING

Suite-Style Residence Halls

These newest additions to York College's campus residence facilities are intended largely for sophomores and the more mature freshmen. Completed in 1981 and 1982, these five buildings feature suites of double and

triple occupancy bedrooms arranged around a fully furnished living room. This concept combines the benefits of on-campus living with the more personal and independent environment uniquely suited to the academic interests of the more mature student. The meal plan is required.

Willow/Laurel/Evergreen Halls: Sometimes referred to as "the mini-dorms", these buildings house 40 students each in 4 separate suites of 10 students. Each suite features 2 double and 2 triple rooms, a central living room, bath, washer and dryer, and either a balcony or patio. Operated as part of the Penn Complex, mail pickup, desk services and recreational facilities are all available in Penn Hall.

Manor East and West: As part of Manor Complex these suite-style facilities house 16 students per suite. Double-occupancy rooms surround a large, furnished living room. Each suite has its own bath and laundry facilities and the added luxury of a balcony.

Small Group/Interest Houses

The College supports the legitimate social and educational goals of clubs, independent and Greek organizations on campus. Five College-owned homes on the western edge of campus accommodate these groups. The College meal plan is not required.

College Apartments

Apartment living under the sponsorship of the College and the guidance of College staff is considered by many parents and students alike to be ideal for upper-classmen who will soon be living as independent adults. The added responsibilities required as a part of assignment to College apartments provide an important transition to real world life roles. The College meal plan is not required.

Country Club Manor Apartments: This College-owned apartment complex, located one-half mile west of campus, houses 260 students in mainly three and four person fully furnished apartments. These townhouse apartments feature a fully equipped kitchen, dining room, adequate storage and comfortable furniture. The atmosphere of independence and privacy, the beauty of the grounds and the proximity to the campus proper combine to make Country Club especially desirable.

Tyler Run Apartments: This is a new campus apartment complex housing 192 students. Each apartment houses six students and includes two bedrooms, two bathrooms (in most apts.), a living room, and kitchen. The apartments are located on the north side of campus. This facility is most desirable to men and women in their junior or senior year.

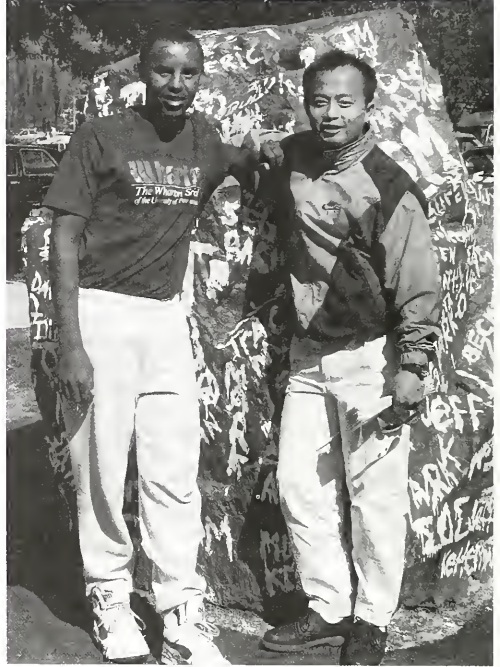


Facilities for the Handicapped

For information on York College's facilities to accommodate the handicapped, individuals should contact the Director of Physical Plant & Personnel.

NON-COLLEGE HOUSING

Independent (non College-affiliated) rooms, apartments and houses are of interest to many students. A list of available accommodations is maintained in the Residence Life Office, based on information supplied by private homeowners and landlords, who wish to rent to college students. Although all agreements and contracts are made between the parties involved, the Residence Life Staff is available for consultation regarding non-college housing.



Student Life



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York College of Pennsylvania

Student Life

STUDENT AFFAIRS

The Student Affairs Division is responsible for student activities, health services, residence life, student orientation, food service, counseling, career services, alcohol and drug education, religious activities, intercollegiate and intramural sports. The division is directed by the Dean of Student Affairs, whose office, with others of the student personnel staff, is on the second floor, east wing of the Administration Building.

Student Responsibility: The student at York College is a member of the academic community as well as the civil community. All students have the rights, duties and obligations associated with being a citizen in such communities. As legal adults, students are expected to obey civil law and accept personal responsibility for their behavior.

SPRING ORIENTATION

Orientation offers the student an opportunity to consult with faculty, pre-schedule classes, meet other students, and be introduced to YCP personnel, services, and facilities. All new students including transfers are requested to attend.

COUNSELING SERVICES

College is a time of unlimited opportunity and growth. College life brings with it many new challenges: becoming independent, developing friendships and intimate relationships, clarifying one's personal value system, dealing with stress, and making life decisions.

A full-time counselor is here to guide and support you as you take on difficult life challenges. Counseling Services provides both individual and group counseling.

CAREER SERVICES

Individual career guidance is available to assist students with choosing a major, academic concerns, resumé preparation, job interviews and career planning. Career development workshops and seminars are

scheduled each semester; videotaped mock job interviews offer students valuable feedback in seeing themselves as a prospective employer would see them.

An up-to-date Career Library functions as a resource center with the following services: SIGI-Plus, a computer-assisted career exploration system; job vacancy notices for full-time, part-time and summer employment, PANORAMA (a monthly publication listing full-time employment openings), and local, regional and national information on internships and externships. A Career Advisor Network of friendly employers and alumni is also offered.

Credential files are maintained and a resumé service is offered for students and alumni registered with the center. Festival of Careers is an annual career networking event with over 50 exhibitors who provide valuable career information and the opportunity to explore how students' academic majors relate to career options, internships and employment opportunities. The interaction between students and exhibitor in-



Student Life

creases the student's awareness of the employer's expectations and promotes a realistic understanding of entry level positions. Students are also advised of and encouraged to attend local and regional job fairs co-sponsored by York College and other educational institutions.

RELIGIOUS LIFE

The College retains the services of local chaplains for the purpose of providing to the students an additional means of counseling and a source of spiritual guidance on campus. The Chaplains' offices, located in the Brougher Campus Chapel and the Student Union, post day, evening, and weekend hours throughout the year, and are open to any student. The Campus Chapel serves as the center of worship for all faiths in the College community.

Interfaith programs and worship are planned and coordinated by the Council on Religious Activities, the religious organizations, and the chaplains in conjunction with the college's Religious Activities Liaison. The council and religious staff work to foster an atmosphere on campus which will enhance an awareness of the spiritual dimensions of life.

EXPLORIENTATION

Exploriation is a comprehensive freshmen and transfer orientation program designed to guide new students to personal and academic success. Beyond an introduction to campus life, the Exploriation program pays attention to the necessary personal adjustments made in this time of transition. Each student will participate in many activities ranging from academic sessions to social events. The program is designed to be a learning experience and a very enjoyable way to begin college. Exploriation is held in early September, prior to the start of classes.

PEER ADVISOR PROGRAM

A Peer Advisor is a trained upper-class student who assists a small group of new students during their first year at York College. The Peer advisors hold meetings and activities regularly throughout the first year to help orient freshmen and transfers to college life. This program has proved to be helpful in making the transition easier and more enjoyable.

ALCOHOL AND DRUG EDUCATION

College years are a time of growth, experimentation and development. As such, use of alcohol and

drugs poses certain serious, and at times, life-threatening problems. Students need to have an awareness about alcohol and drugs, college regulations, legal implications, and related issues.

The Law

Pennsylvania law prohibits the possession and consumption of alcoholic beverages by individuals under the age of twenty-one. Pennsylvania law prohibits the sale of alcoholic beverages to anyone unless they have the proper license issued by the Pennsylvania Liquor Control Board. Pennsylvania and federal law prohibits the possession, manufacture, sale and distribution of illegal substances. Giving marijuana or another drug free of charge may be considered the same as sale or distribution. Possession of large amounts of drugs may be viewed as possession with intent to sell. Applicable legal sanctions may include loss or suspension of driver's license, fines and/or jail time.

YCP Policy

Believing that the use of alcoholic beverages is detrimental to the standards of group living and academic achievement, the College does not permit students the use or possession of such beverages on campus. Drinking of alcoholic beverages off campus is not encouraged and, if done, should comply with the above stated law. Any student found using or selling illegal drugs may face suspension from College and may also be referred to the civil authorities for prosecution.

Students found in violation of the above policies may be referred to appropriate campus assistance, counseling and educational programs as part of the disciplinary sanctions. Disciplinary sanctions may include probation, removal from residence facilities, and/or suspension from the College.

Where to Get Help and Information on Campus:

D.A.W.N. (Drug and Alcohol Wellness Network)—Members of the campus community will meet to discuss related campus issues, conduct educational sessions, and plan activities. Such activities include Alcohol Awareness Week, Drug Awareness Week, and a Peer Educational Program. Contact: Residence Life Office.

Counseling Services—Individual guidance on personal issues is available as well as related information and referral resources for the YCP community. Counseling Services is located in the Student Union.

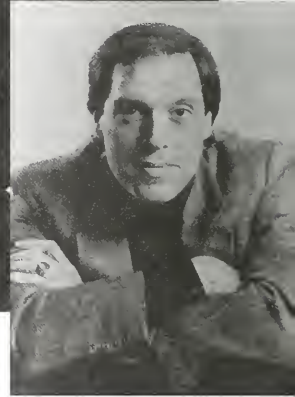
S.A.D.D. (Students Against Drunk Driving)—A student group organized to educate others about responsible use of alcohol and the laws concerning drunk driving and driving under the influence.

Special Events at YCP!

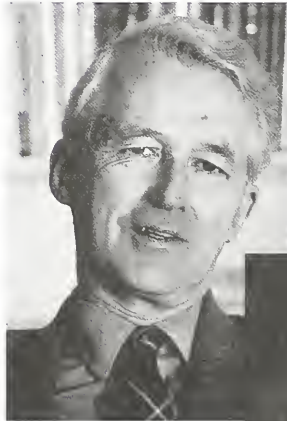
Throughout the academic year, York College welcomes renowned guest lecturers, contemporary musical artists and comedians, and a diverse variety of cultural entertainment designed to enrich and enliven the campus environment for all students at York College.

Among those who have appeared on the York College campus in recent years are: former U.S. Ambassador to the Soviet Union and France, Arthur Hartman; Dr. Gordon McGregor, Principal of The University College of Ripon and York St. John and one of Great Britain's outstanding educational leaders; *Money Magazine* Editor, Eric Schurenberg; Ben Cohen of Ben & Jerry's Ice Cream; Tony Award Winner Ken Ludwig, known for his smash Broadway hit "Crazy for You"; Yolanda King; Dick Gregory; and Carol Leifer.

Students also enjoy a contemporary film series, dramatic presentations, art exhibitions and other events designed to enhance and promote cultural diversity on the York College campus.



Ken Ludwig,
Broadway Playwright



Gordon McGregor,
British Educator

Yolanda King,
Civil Rights Leader



Student Life



Arthur Hartman,
Ambassador to the
Soviet Union

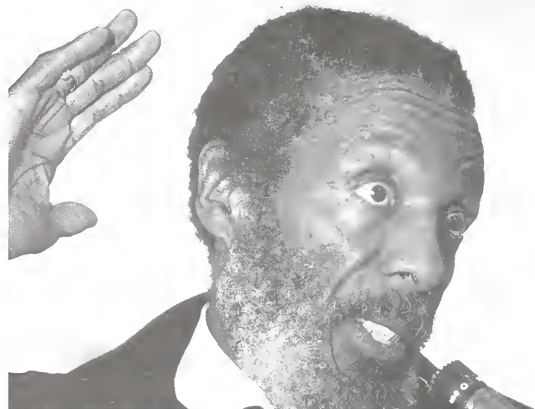
Carol Leifer,
Comedian



Ben Cohen,
Entrepreneur



Eric Schureberg,
Money Magazine Editor



Dick Gregory,
Social Activist

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HEALTH SERVICES

The College is concerned about the health of its students. The Health Center is located on the lower level of the Student Union. Hours of operation during the Spring and Fall Semesters are from 8:30 a.m. to 4:30 p.m. Monday thru Friday, from 4:30 p.m. to 12 midnight Thursday thru Saturday and from 12 noon to 2:00 p.m. Sundays.

The Health Center is staffed by a registered nurse during operating hours. The College Physician is in the Center weekdays from 11:00 a.m. to 12 noon Monday thru Friday. It is highly recommended that students call the Center to schedule an appointment to see the physician.

Health services are rendered without charge, however, students are financially responsible for prescriptions, X-rays, laboratory studies, and consultations.

Students not otherwise covered by health and accident insurance are required to apply for coverage under a policy available to all York College students. These premiums are for a twelve month contract, September 1 to August 31. Specific information regarding coverage will be sent to all students by mail prior to the opening of the Fall semester. Students who carry insurance through the College must file a claim form within twenty days following the accident or illness. Claim forms are available in the Health Center.

Resident students are to report all illnesses and accidents occurring after hours to the Resident Director or designated alternate. A student confined in the residence hall more than forty-eight hours is expected to make arrangements to be taken home or admitted to the hospital for further treatment.

FOOD SERVICES

DAKA Incorporated and the manager of Food Services works closely with the Student Affairs Division to offer meals seven days a week which will be both enjoyable and economical to students. The manager welcomes constructive suggestions from students about the food services. Various special dinners are planned during the year and many campus organizations plan their program refreshments through food services.

All students living in traditional on-campus housing must purchase the College's full meal plan. A lounge with vending machines is located in Campbell Hall, a full-service a la carte snack bar is located in the Student Union, and a lunch plan in the dining hall is available for commuters.

SECURITY

At York College one can feel the effects of a friendly and safe campus, although no college can offer a 100%

guarantee of safety. The York College Security Department offers twenty-four hour security coverage which provides the kind of environment that is stimulating, supportive, and free from unnecessary risks. A publication entitled "Campus Safety Statistics" summarizing all reported illegal misconduct occurring on campus is available upon request from the Security and Admissions Departments.

AUTOMOBILES

Motor vehicles are permitted on campus for all students and must be registered with the College Operations Office. During registration, resident students may purchase an annual \$10 bumper sticker which entitles them to park in designated areas. Students living off campus may obtain a commuter sticker at no charge which allows for parking in any area not designated for faculty, staff and visitors.

LOCKERS

Students can apply for the use of lockers in Campbell Hall by contacting the Operations Office. A \$5 fee is charged at the time the locker key and receipt are issued. Students receive a 100% refund when the locker key and validated receipt stub are presented to the Business Office.

STUDENT GRIEVANCE PROCEDURE

The student grievance procedure for non-academic matters may be initiated by the student with the administrator involved. It may then be appealed to the administrator's supervisor and, if appropriate, to the Dean of Student Affairs. In cases where administrative action has affected the status of a student (suspension, probation or removal from campus residence), the appeal must be in writing and must be submitted within forty-eight hours of the formal notification of disciplinary action.

The student grievance procedure for academic matters is similar to the non-academic grievance procedure. It begins with the faculty member involved and may then be appealed to the department chair, and, if appropriate, to the Dean of Academic Affairs.

CAMPUS ACTIVITIES

A vital aspect of student life involves participation in campus activities, including Student Government, academic, social, and special interest organizations, and the many social, educational and recreational events which take place on campus. A diversified program of

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events is planned by students on the Campus Activities Board, working with the Director of Student Activities. Each semester features a wide range of activities such as comedians, musical performers, game shows, concerts, films, bus trips, lectures, hypnotists, and many other special events. In addition, academic departments frequently schedule special programs of general appeal. Department offerings have ranged from nationally-known poets to state officials and leaders from industry and community life.

The Student Union serves as the "family room" of the campus where, in an informal atmosphere, all the members of the campus community can gather to interact socially and intellectually outside the classroom. For some it also serves as a laboratory of citizenship, training students in social responsibility and leadership in community life. Programs offered at the Student Union provide cultural, social, and recreational activities designed to complement academic endeavor. All such programs are intended to encourage self-directed activity, giving maximum opportunity for self-realization and for growth in individual social competency and group effectiveness.

The Student Union facility includes lounges, study areas, meeting rooms, snack bar and dining hall, a recreation room, student organization offices, intramural facilities and offices for Campus Security, Peer Advisors, Chaplain, the Student Senate, Student Activities, Counseling Services and Career Services, and radio station WVYC. The building is available for use by all members of the College Community, seven days per week, when the College is in session.

CANDLELIGHT CONCERTS are held in Buechel Lounge and feature both local and special guest artists in recital. York College students are frequently among the performers. No admission is charged for the concerts.

ART EXHIBITS may be viewed throughout the academic year. Local and special guest artists are represented as well as faculty and student exhibits.

STUDENT MUSICAL GROUPS offer several programs each year. Performing groups include York College Symphony Orchestra, Chorale, Singers, Symphonic Winds, and Jazz Ensemble.

ATHLETICS: York College's sports program is designed to supplement academic experiences by providing opportunities for all students to participate or witness intercollegiate or intramural competitions. The program is consciously geared to student interests and needs. Care is exercised to avoid detracting from students' academic pursuits and to enhance overall achievement, by supplying outlets for physical and emotional expression.



OPEN GYMNASIUM HOURS: The pool, gym and weight training facilities are available at no cost to students for free play at specified hours.

INTRAMURAL SPORTS: A wide variety of intramurals allows every student to engage in some organized sport without the pressure of intercollegiate competition.

Men participate in touch football, volleyball, basketball, softball, wrestling, swimming, soccer, tennis, badminton, weight-lifting, and water polo.

Women participate in volleyball, basketball, softball, tennis, badminton, swimming, and soccer.

Coed competition is held in volleyball.

INTERCOLLEGIATE SPORTS: Programs are provided for students who are physically and psychologically equipped to participate in competitive sports with representatives from other colleges.

Intercollegiate sports for men include baseball, basketball, golf, soccer, swimming, track and field, wrestling, tennis, and cross country.

Women's intercollegiate program includes basketball, field hockey, tennis, volleyball, softball, and swimming.

CHEERLEADING is a student activity closely related and supportive of the intercollegiate teams. The squad is comprised of ten students. Squad vacancies are filled through open-competition at the beginning of each college year.

Organizations

Over sixty student organizations provide opportunities for students to become involved in various special interest groups.

Student Government: **STUDENT SENATE.** The Student Senate, as a representative body provides

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means for: 1) responsible and effective student participation in the organization and control of student affairs, 2) taking action in the best interest of the student body and college community, 3) providing an official voice through which student opinion may be expressed, 4) fostering awareness of the student's position in the campus, local, state, national, and international communities.

Officers and student senators are elected by the students. Students are chosen by the Student Senate to participate on Faculty Senate committees. Members of the Student Senate invite interested students to participate in any Senate function. The Senate meets weekly, with two faculty and three administrative advisors. Meetings are open to any member of the student body.

Special Interest

Accounting Club

The goals of the Accounting Club are: 1) to unify the accounting majors at YCP, 2) to broaden the understanding of the accounting profession, 3) to promote the understanding of accounting theory and practice, and 4) to provide a social network of peers and business persons. To accomplish these goals the club has regular meetings, presents outside speakers, operates a tutoring service, and engages in social activities. All YCP students are welcome.

Biology Club (formerly the A.I.B.S. organization)

The purpose of this organization is to provide biology and allied health students with an opportunity to extend their knowledge of biological and social mechanisms, and to provide those students with an avenue to share their knowledge with the community. The Biology Club seeks to stimulate camaraderie among students with similar interests. Contact the Department of Biological Sciences for information.

American Marketing Association (formerly Marketing Club)

In 1990, the YCP Marketing Club became a chapter of the American Marketing Association. The club is a social and informational organization open to any student interested in getting ahead in the business world. The club is designed to serve as a medium of exchange of knowledge in the field of marketing. As an AMA member, students will enjoy a trade journal throughout the year. Programs, guest speakers and field trips to marketing related businesses are a large part of the club's activities. After being an AMA member during College, students can then join the professional chapter of the American Marketing Association at a reduced rate for the first year.

Black Student Union

The B.S.U. is a service group organized to provide unity and leadership to students who are interested in stimulating and educating other students and the community on topics concerning black people. The organization is open to all students.

Catholic Campus Ministry (Newman Club)

Catholic Campus Ministry is a national religious organization which fosters and promotes the welfare of all college students, faculty, and administrators. Catholic students come together to pray, to socialize, and to celebrate the gift of life and its talents by serving others. This ministry provides a means to seek community, build relationships, and find direction as a link between the past and the future.

Chess Club

Membership is open to all students and staff who want to engage primarily in recreational matches and tournament play. The Club meets regularly as announced in the Daily Bulletin.

Circle K

Circle K International is the world's largest collegiate service organization. It is composed of students who wish to become actively involved in community concerns via service projects and activities. Members also participate in social events, learn leadership skills, work with business and community professionals, and form long-lasting friendships while striving toward common goals.

Christian Life Fellowship

Christian Life Fellowship, through community service and campus service projects, social fellowship and worship hopes to gain a closer understanding of how God interacts with people as individuals and groups. The Christian Life Fellowship organization will help bring students closer together as a group while gaining personal development through service projects, fellowship and spiritual enhancement.

College Republican Club

The College Republican Club is an organization which helps to make known and promote the principles of the Republican Party among the students of YCP. They aid in the elections of Republican candidates at all levels of the government and strive to develop political skills and leadership abilities among YCP students as a preparation for future service to the Republican party, and to the community as a whole. Regardless of political affiliation, all are welcome to join.

Data Processing Management Association

The D.P.M.A. is a national organization which is based in the business community. Overall the majority of

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members are people working in the computer field, with an active percentage being students. The purpose of the York College chapter of D.P.M.A. is to bridge the gap between the theoretical training of college and the computerized world of business. This is accomplished through demonstrations, tours, guest speakers, and through monthly dinner meetings where students can socialize with people in the computer field.

Forensics

This organization is designed for students who are interested in improving their speaking and presentation skills. As a member of this organization, students can be active in intercollegiate tournament competitions, give speeches on campus and in the community, and join the Pi Kappa Delta National Forensics Fraternity. Course credits for the organization can be earned through the Speech Practicum.

German Club

This organization aims to stimulate an appreciation of the German language, culture, and people, through activities and programs that further student interest. It is open to all students interested in German culture.

Hillel

This national organization offers spiritual guidance and other activities for members of the Jewish faith. The YCP chapter was formed by interested students, faculty, administrators, and members of the local community to facilitate the special needs of Jewish students at York College.

History and International Studies Professional Organization (H.I.S.P.O.)

H.I.S.P.O. is an organization devoted to the exploration of career opportunities for students in the fields of History, Political Science, and International Studies. H.I.S.P.O. arranges public lectures by professionals in the related fields (professors, authors, and museum curators), holds "roundtable" discussions on current controversies, and participates in the field trips to museums, archives, and conferences. This organization also provides members with the opportunity to gain work experience in their prospective fields through the Daughters of the American Revolution, the Historical Society of York County, Hispanic Students Organization, and other such organizations in the York County area.

History, Intercultural, and Political Science Club

Intellectual and social interests are satisfied through the use of seminars, forums, discussions, visiting lecturers, and field trips. The club is interested in helping students explore and develop an interest in all phases of history and contemporary world problems. The organization is open to all York College students.

International Students Club

This organization promotes a positive atmosphere for international students to socialize and investigate the values of all foreign cultures as well as American society. The club shares with all American students a wide range of personal, social, and political experiences. Membership is open to all students with an interest in foreign cultures.

Inter-Varsity Christian Fellowship

A Christian organization with a three-fold purpose: 1) to lead others to personal faith in Christ as Lord and Savior, 2) to help Christians grow toward maturity as disciples of Christ through study of the Bible, prayer, and Christian fellowship, and 3) to present the call of God to York College, helping students and faculty discover God's role for them. All meetings are open to anyone regardless of religious background or church affiliation.

Musical Groups:

The College Choral

The Choral is York College's premiere choral ensemble. This group of dedicated singers maintains a rigorous weekly rehearsal schedule. Members represent many different student groups on campus, with almost half being music majors.

Our repertoire is versatile, including pieces ranging from the great classics to contemporary folksong settings. The Choral performs on and off campus and is open to all students with a serious interest in choral music.

The College Singers

Established in 1900, the York College Singers is a unique organization that performs fully staged and choreographed excerpts from selected Broadway musicals and operettas. Our organization is dedicated to the development of music theater techniques for the singer. The Singers present a major program every semester and is open to all students with experience in singing and acting.

The Symphonic Winds

The Symphonic Winds offers an exciting musical experience for brass, woodwind, and percussion players. These dedicated musicians rehearse weekly and include students from all academic disciplines on campus, including music majors.

Our repertoire includes compositions and arrangements for the concert band from the traditional to the contemporary. The Symphonic Winds performs every semester and is open to all students who want to play their horn where it counts.

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Music Theater & Co.

Founded in 1990, Music Theater & Co. is dedicated to the production of full scale Broadway musicals. Our organization is responsible for the annual Summer Dinner Theater production, drawing large crowds from the College and surrounding community. Any student with singing/acting experience is invited to join this dynamic group of performers. Auditions are held prior to each production.

The Jazz Ensemble

One of the oldest music groups on campus, the Jazz Ensemble, studies improvisation and performs in all jazz styles, including big band, bebop, cool, blues, fusion, and rock. Our group is open to all students with concert or stage band experience and maintains an active performing schedule.

The Symphony Orchestra

The Symphony Orchestra is always popular with audiences, and has established a reputation for presenting exciting and highly entertaining concerts every semester. The annual "Pops" Concert is always heavily attended with standing room only. The Orchestra is open to all students with string, brass, woodwind, or percussion experience.

Guitar Ensemble

An ensemble of two or more guitars in combination with other instruments and voice, performing a wide range of literature from the Renaissance to contemporary standards. Performs on and off campus.

Wind and Percussion Ensembles

Musical ensembles of varying combinations of brass, woodwind, percussion, and handbells, perform music of the masters and contemporary standards. Perform on and off campus.

Nontraditional Students Association

The Nontraditional Students Association is an organization open to any student at York College especially those students returning to the academic environment. The Association's primary goal is to involve adult learners in college life both academically and socially through campus and community projects.

Phi Sigma Pi

A national, co-ed, non-greek Honor Fraternity, Phi Sigma Pi dedicates itself to service. Founded on a tripod belief of Scholarship, Leadership, and Fellowship, the brothers of Phi Pi seek to accomplish these endeavors by maintaining a minimum GPA of 3.0, participating in campus leadership positions, and socializing among the college community. Look for our rushes each semester, and come find out more about your slice of the Pi!

Recreation Society

The Recreation Society is an organization established to encourage participation in career-oriented programs and promote professionalism among recreation majors. The Society provides opportunities for professional development and educational enrichment through membership in and close association with the Pennsylvania Recreation and Parks Society. In addition, the Society strives to develop an awareness of opportunities available in the recreation field.

Rugby Club

The York College Rugby Club is an athletic organization open to all males, freshmen through seniors. The club began in 1986 and has since grown into a highly respected organization on campus with over thirty members. York College Rugby is affiliated with the Eastern Pennsylvanian Rugby Union and fully insures all its players. Matches are played against both college and men's sides. The club competed successfully to become the 1990 Associate Division Champions and were winners of the first annual Juniata Tournament. To become one of the "Mean and Green" stop by practice Monday through Thursday, 3:00 p.m. to 6:00 p.m. at the intramural field. The club is always looking for a few good men.

Ski and Outdoor Club

The YCP Ski and Outdoor Club is organized to provide an opportunity for skiers from beginner to expert and anyone interested in outdoor recreation to meet and enjoy their sport. Special events are planned at local and regional resorts; many where discount rates are offered.

Society for the Advancement of Management (S.A.M.)

The Society seeks to provide a bridge between the theoretical training of the College and the practical world of business by bringing together business executives and management majors. The club serves as a medium of exchange for information in management and industry, and provides students with an opportunity to participate in planning and directing organizational activities. Membership is open to all majors.

Society For Human Resource Management

The Society For Human Resource Management (SHRM) is an organization for those interested in learning more about the Personnel/Resources field. This national organization was formed in 1948 (formerly the American Society for Personnel Management) and encourages its members to develop and maintain competence in the rapidly changing human resource management field. Student membership in SHRM supplements your classroom education with a problematic, "on the job" perspective of SHRM.

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Included with membership are subscriptions to several trade publications (HRMagazine, HRNews, and ECHOES). SHRM offers members the chance to interact with practitioners in the field, through lectures and seminars, thus expanding professional competence and knowledge. The York College chapter was formed recently and looks to expand in the next several years. If you are interested in joining SHRM, look for meeting times and places advertised on campus. All majors are welcome, but those in business are strongly urged to consider membership. To make the transition from classroom to the business world, the Society For Human Resource Management can be beneficial.

Student Education Association

S.E.A., in affiliation with the Student Pennsylvania State Education Association, seeks to develop an appreciation of the teaching profession. Opportunities to develop an understanding of the teaching profession, leadership training, and to stimulate attitudes and growth toward the orientation of the organized teaching profession are offered.

Student Nurses Association

Membership in this pre-professional organization is open to any student pursuing the nursing degree. It is a constituent of the National Student Nurses Association and the Student Nurses Association of Pennsylvania. S.N.A.Y.C.P. endeavors to promote nursing professionalism through its many health-promoting activities, awareness of health related issues, (and interaction with the Nursing program) including peers, faculty, and curriculum.

Table Tennis Club

This club is open to all students interested in playing table tennis at the level of recreational play and U.S.T.T.A. sanctioned meets.

Tae Kwon Do

TKD is Korea's national sport and one of the most popular forms of self defense in America. Through the sport, students are given the opportunity to develop and challenge their mental/physical abilities, i.e. meditation, improved flexibility, strength, coordination, and tournament competition. The art form is taught by instructors with more than thirty years of combined experience in TKD. The club meets twice weekly in the wrestling room. Promotions are awarded according to ability.

The York College Karate Club (formerly Tang Soo Do Club)

The York College Karate Club is a fun and innovative approach to martial arts training. Classes empha-

size warm-up, acquisition of new skills, and light-sparring. Watch for information concerning class meeting times to participate in YCP's newest martial arts organization.

The Players

Open to all students, the YCP Players promote appreciation of drama and offer students opportunities to take part in theatrical productions, many of which are student directed.

SPECIAL COLLEGE COMMITTEES

Athletic Board: The Intercollegiate Athletic Board serves as an advisory body to the administration and also as a liaison body for various campus groups concerned with athletics. The Board is comprised of ten members representing the students, faculty, trustees, alumni and athletic department. The Board meets twice each semester to discuss issues and concerns related to York College's athletic program.

Council on Religious Activities: This council has been established to provide support and input to the campus chaplains ministering to the YCP community and serves as a means of communication among the different religious groups on campus. It plans and coordinates programs for inter-faith activities on campus and provides informational materials on religious resources. The council is composed of the campus chaplains and representatives of the YCP administration, faculty, and student body.

Minority Affairs Council: The Minority Affairs Council of York College of Pennsylvania serves as a sounding board and communication avenue on issues, programs, and concerns relating to minority students and other special populations. The Council will meet three times each semester and membership is comprised of representatives from the following: Students, Faculty, Administration, and Staff.

Student Safety Task Force: The SSTF has been established to generate awareness and implement programs for the college community on student safety and security. The Task Force meets monthly during the academic year and membership is comprised of representatives from the following: administrators, faculty, students, neighborhood, and local police department.

York College Forum: The Forum functions as a sounding board for general concerns and issues relating to the College community. Membership includes five representatives from each of the following constituencies: faculty, administration, Board of Trustees, and students. Representatives are appointed by the presidents of the various groups involved. Meetings are held once each semester.

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GREEK LIFE—FRATERNITIES AND SORORITIES

Greek Council

The Greek Council is a representative body established to provide guidance and leadership to all social Greek letter organizations at York College. The Greek Council, along with the Student Senate, has legislative powers over Greek letter organizations and, as such, has the power to approve or disapprove newly-formed Greek organizations for provisional status. The Greek Council and the Student Senate support the premise of the Greek organizations at York College and are proponents of the following STATEMENT OF PHILOSOPHY:

Greek organizations at York College are an integral part of the institution's total educational program. As such, they are partners with the College in a mutually-supportive educational endeavor. Greek organizations and York College sustain their relationship with a mutual pledge to promote the following goals: 1) fellowship, 2) academic achievement, 3) fiscal viability of the chapter, 4) leadership development, 5) group responsibility, 6) commitment to and participation in campus government, 7) service to campus and community, and 8) mature group conduct. Each fraternity and sorority will receive the support of the Student Senate, Greek Council and College Administration provided it continues to fulfill these responsibilities.

Inter-Fraternity Council

A representative organization which represents and governs all ten fraternities. I.F.C. promotes Greek unity within all organizations and works directly with the Greek Council.

Panhellenic Council

The organization that governs all nine sororities. It stands for promoting Greek life with fairness and equality. The "Panhel" views all sororities as the benefit that they are and wishes to promote them through its structure and programming. The Panhellenic stands for the unity of all and the strength of all to enhance the Greek system for all.

Pledging

Students seeking membership in York College's fraternities and sororities will be eligible to pledge a Greek letter organization after completing one semester and maintaining an average of 2.0. The York College Policy for Greek Pledging Activities describes the established guidelines and standards that groups must meet in the coordination of their respective fraternity and sorority programs. The policy description is made available to

all Greek leadership and organization members. Copies may be obtained in the Student Activities Office of the Student Union.

Hazing

Hazing is prohibited and will result in administrative disciplinary action. Hazing is defined as any action or situation which recklessly or intentionally endangers the mental or physical health or safety of a student, or which requires, encourages, or permits violation of any federal, state, or local statute or College policy, for the purpose of initiation or membership into, or affiliation with, or membership in any organizations recognized by, or affiliated with York College of Pennsylvania. For specific information, consult with the offices of Student Activities and Student Affairs. Each organization is responsible for informing members (pledges, associate members, affiliates or guests) of the hazing policy. Violations of the hazing policy at York College will result in disciplinary action and/or legal action. Student(s) and/or organizations will be held responsible for group activity in the event this policy is violated. Violators can be given sanctions of probation up to and including suspension from the College.

Greek Judicial Board

This board has been established to insure and foster the concept of self-discipline within the Greek community. It will hear any/all violations that occur within the Greek system at York College; this may involve the College Code of Conduct, residence hall regulations, policies of the Greek Council, pledging policies, and hazing laws. Complaints or charges should be filed with the Greek Council or the Office of Student Affairs. Disciplinary sanctions (given by the board) shall range from an official warning to revocation of the organization's charter.

Alpha Sigma Alpha (National Sorority)

Originally founded in 1901, Alpha Sigma Alpha is York College's oldest national sorority on campus. The Delta Omicron Chapter was installed on April 8, 1978. Alpha Sigma Alpha provides service to the community, York College campus, and proudly supports its national Philanthropic project Special Olympics and the S. June Smith Center. ASA is founded upon sisterhood, friendship, and forming memories to last a lifetime. All interested females are welcome to attend rushes held twice a year.

Alpha Sigma Tau (National Sorority)

Alpha Sigma Tau, Gamma Iota Chapter, has 55 members, making AST the largest sorority on campus. They promote friendship, good times, service to the community, and most importantly, the bond of sisterhood. Alpha Sigma Tau's dedication to being active

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and involved both on campus and in the community, together with high academic standards, produces nothing but outstanding individuals. Alpha Sigma Tau is a truly unique sorority and an asset to York College.

Chi Gamma Iota (Veterans Fraternity)

This Greek organization is open to all students, both male and female. While the primary goal of the fraternity is to help veterans adjust to college life, it also gives traditional and non-traditional students the chance to belong to a fraternity and participate in all Greek activities without requiring members to undergo a lengthy pledge process. The brothers and sisters of Chi Gamma Iota invite all students to check out YCP's first fraternity. The Vets Office is located in the lower level of the Student Union.

Delta Phi Epsilon (National Sorority)

A sorority on campus that had been in existence for ten years, was recently inducted as a colony of the national sorority Delta Phi Epsilon. Delta Phi Epsilon was formed in 1917 at a New York law school, and now holds over sixty active chapters throughout the U.S. and Canada. The purpose behind the Alpha Lambda Chapter of Delta Phi Epsilon is to provide community and campus services, and to develop a lifetime bond between its members. On the national level, the sorority faithfully supports the National Cystic Fibrosis Research and the National Association of Anorexia Nervosa.

Kappa Psi Epsilon (Local Fraternity)

Kappa Psi Epsilon is an active social and service fraternity open to male students at York College. Kappa Psi Epsilon takes pride in its social events, athletics, individuality and competitive spirit. With new ideas and activities, along with improving the old, this fraternity leads, not follows.

Kappa Sigma Rho (Local Fraternity)

This organization's main goal is to form a body of students which will serve York College and the community through group activities. In addition, Kappa Sigma Rho fraternity takes great pride in brotherhood, unity and athletic competitiveness. This organization encourages all interested male students to see any brother to find out why being in Kappa Sigma Rho means being an individual, as well as a brother.

Omega Chi (Local Sorority)

The Omega Chi sorority is a women's organization that promotes friendship, sisterhood, and unity. They are active in campus activities and work together to better the college Greek life and the surrounding community. See any Omega Chi sister to share the enthusiasm!

Omega Theta Chi (Local Fraternity)

Omega Theta Chi is a men's social and service organization. Membership is open to all full-time students at York College. This fraternity is designed to promote activities not only at the College, but also throughout the community. See any fraternity member for information and membership. "We can help you to help others."

Phi Kappa Epsilon (Local Sorority)

Phi Kappa Epsilon is an active sorority which participates in many College and community services. Their motto is friendship, trust, and unity. Academics are stressed as well as sisterhood. Membership is open to any full-time female student with a 2.0 cumulative average.

Phi Kappa Psi (National Fraternity)

Phi Kappa Psi is a national fraternity that was established in 1852. The Pennsylvania Rho colony was inducted at York College on October 6, 1990. It is the newest fraternity on campus. Phi Psi has an excellent national reputation and offers over 95 chapters throughout the country. Phi Psi is open to all eligible males who meet the scholastic and moral requirements of the national fraternity and of York College. Phi Psi offers the possibility of immediate leadership positions. It is with the highest tradition of Phi Kappa Psi that it devotes itself to campus and community services. Come feel the Phi Psi pride.

Phi Mu (National Sorority)

Phi Mu is an international sorority that was founded in 1852. Phi Mu is a social and service organization designed for women. An important characteristic of this sorority is the individualism each member possesses plus unity and friendships formed through being a sister. The purpose of this organization is to provide services for the campus and community, as well as for national philanthropies (Project Hope and Children's Miracle Network). Phi Mu also provides social activities for its members and an opportunity to live in an on-campus sorority house that houses 8 women. Membership is open to any full-time female student with at least a 2.0 average enrolled at York College. Proud, principled, progressive—Phi Mu.

Phi Sigma Sigma (National Colony)

Phi Sigma Sigma is a national sorority, previously a local sorority, Alpha Theta Chi. It is a social and service organization for the women of York College designed to promote activities for the College and community. Their national/philanthropic organization is the National Kidney Foundation. The on-campus sorority house is located at 471 Country Club Road and houses 13 women. Phi Sigma Sigma's motto, "Aim High", states their goals as a sorority.

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Sigma Delta Chi (Local Fraternity)

Sigma Delta Chi is a men's organization founded by an elite group of individuals in 1981. Besides actively participating in intramurals and social events, they have made their presence known within the York community with church clean-ups and various contributions to neighboring charities. Delta also feels proud about the strong sense of brotherhood that has been established over the years. Delta has 30 plus members with strong hopes of growing in the future.

Sigma Delta Sigma (Local Sorority)

Sigma Delta Sigma is a women's social and service organization dedicated to promoting activities both on campus and throughout the community. Membership is open to any full-time York College female with emphasis placed on sisterhood as well as academics.

Sigma Delta Tau (National Colony)

One of the newest sororities on campus, Sigma Delta Tau promotes trust and unity, along with sisterhood, throughout its organization. These are also the goals of this prestigious sorority. The group performs many campus and community services throughout the year. Sisterhood is open to any eligible female.

Sigma Phi Epsilon (National Fraternity)

Sig Ep is a National Fraternity that was founded in 1901. The fraternity creed is based on the principles of virtue . . . diligence . . . and brotherly love. Through these principles they promote great leadership, fierce competition, academic excellence, and philanthropy. Sig Ep commits itself in setting a great example to its peers and community. They make men into leaders and followers into men. Currently under reconsideration for national or local status.

Sigma Pi (International Fraternity)

Sigma Pi is an international fraternity open to all males in good academic standing. Sigma Pi offers a different outlook on fraternal life. Their goals are to establish brotherhood, maintain an aristocracy of learning and to develop character.

Tau Kappa Epsilon (International Fraternity)

Tau Kappa Epsilon is the oldest International fraternity at York College. TKE, at York College, was founded in 1977 and was one of the first fraternities established. The goal of TKE is to help develop York College students both academically and socially. This is accomplished through Love, Charity, and Esteem, the three basic principles of TKE. TKE was honored by the College last spring by winning the "Honor Scoop" Award, which is given to the Greek organization which promotes the most outstanding community and campus service. Membership is open to full-time male stu-

dents who meet the academic requirements set forth by the College.

Zeta Beta Tau (International Fraternity)

Zeta Beta Tau, or ZBT as it is commonly referred to, is an international fraternity founded in 1898. This organization opens its membership to all undergraduate full-time male students of high academic and social standards. This group of men work with the school and community to create a positive frenzy of excitement. They legitimize their existence through active service and social committees. Academic and all-around collegiality are stressed.

HONORARY

Alpha Chi

A coeducational society whose purpose is to promote academic excellence and exemplary character among college and university students and to honor those achieving such distinction. A general honor society as contrasted with a specialized one, it admits to membership all academic disciplines rather than a single area of study. Annually the Pennsylvania Delta Chapter at York College admits to active membership those juniors and seniors of good character who rank respectively in the upper 5% and 10% of their classes.

Alpha Phi Sigma

A Criminal Justice Honor Society dedicated to professionalization in the field of the Administration of Justice and to the recognition and promotion of high scholarship among students in that field. Membership is limited to Police Science and Corrections majors who have completed three semesters of course work, including at least ten hours in Police Science and Corrections; who have a 2.5 cumulative grade point average, with a 3.0 grade point average in Police Science; and who are in the upper 35% of their class.

Pi Kappa Delta

Membership in the National Forensic Honorary is open to all students who participate in intercollegiate competition. There are five degrees of membership culminating in Highest Distinction for three years of participation in forensics and outstanding grades. The charter at York College was installed on May 12, 1977. Talk to anyone who has participated in forensics to discover the benefits of participation.

Senior Honor Society

The Senior Honor Society was formed in the Fall of 1971 and is sanctioned by both the Student Senate and the Academic Senate. Membership is limited to no more than 5% of the Senior class. Recipients of the honor must have at least a 2.8 cumulative average and

Student Life

have demonstrated continuing leadership and involvement in extracurricular and community activities.

Alumni Association

The purpose of the Association is to promote the interests and welfare of York College by organizing the alumni and informing them of the progress and needs of their alma mater. Additionally, the Alumni Association endeavors to keep alive the spirit of each class through annual Homecomings and a Grand Reunion every four years.

All graduates of York College of Pennsylvania, York Junior College, York Collegiate Institute, and York County Academy are considered to be members of the Association and are entitled to all of the rights and benefits of membership.

Members are urged to take an active part in their Association. Any alumnus may run for election to the Board of Directors of the Alumni Association, although election to the Board is not required for at-large service on most committees of the Alumni Association. The meetings of the Alumni Board are held the second Wednesday of each month, September through June, and are open to any alumni who wish to attend and participate in the discussions.

Publications

The York Scene—a quarterly newsmagazine which covers College activities and projects as they involve faculty, students, members of the community and alumni.

Daily Bulletin—a single sheet publication which announces student and faculty activities of the College on a daily basis. The publication is available at key locations around the campus daily.

Student Handbook—An annual publication by the Student Senate and the College Administration. It contains campus information, regulations for student conduct while on campus, the administration of department matters, and the constitution of the student government organization. Students are urged to become familiar with this publication and its contents.

Resident Student Handbook—an annually updated brochure describing policies, regulations, facilities, and services relevant to on-campus living. This publication is distributed to all resident students upon check in.

Horizon Yearbook—The Horizon Yearbook is produced by volunteer student staff. Offices are located on the lower level of the Student Union. The Horizon is a chronicle in pictures and words of the events and emotions of the school year. This publication offers the opportunity to develop and practice responsible journalism, business management, and photographic and artistic skills. The Horizon also allows students to meet

new people and make new friends. Anyone interested in being a part of The Horizon Yearbook staff is encouraged to stop by the yearbook office and complete an application. No experience is necessary.

The Spartan Newspaper—The Spartan is the weekly campus newspaper created entirely by students. The office is located in the lower level of the Student Union. The Spartan was established as a source of information, a student forum, and as an opportunity to provide students with experience in journalism, advertising and business management. Any student interested in news writing, entertainment writing, production, advertising sales, proofreading, layout or word processing is encouraged to join the staff of The Spartan. The newspaper not only includes campus and community news but also national news of interest to the college student. The Spartan has many features like organizational news, entertainment and campus news.

Past and Present—The YCP History and Political Science Department Journal is York College's newest and fastest growing student publication. This unique publication provides students of all majors with an outlet for their scholastic efforts in history and political science. Past and Present allows students to publish their written work—essays, term papers and articles—and provides a showcase for their artistic talent—covers and illustrations. Members of the editorial staff receive valuable experience in all facets of publishing a journal—editing, selecting papers, typing, binding, and even distribution. The editors and staff of Past and Present are proud of their new publication, grateful to those who contributed papers or artwork, and hopeful for the future. New staff members and new ideas are always welcome.

Nightlines—The Office of Continuing Studies publishes Nightlines twice a year in October and February. Nightlines is a newsletter for York College's Non-traditional students. This publication is designed to provide adult learners with information about college programs and services.

WVYC-Radio—WVYC FM88 and AM640, located on the upper level of the Student Union, is a 10 watt noncommercial educational station operated by a student manager and staff. The station operates seven days a week while classes are in session, serving as an information and entertainment medium for the College and the York community. It also functions as a training facility for any interested York College students.

Awards

Academic awards representing a variety of disciplines are presented annually at the Recognition Dinner in the spring of the year. These awards include the following:

Student Life

MRS. ELEANOR A. GOHN: for the woman graduate for greatest proficiency in business.

RUSSEL G. GOHN: for the male graduate for greatest proficiency in business.

PENNSYLVANIA INSTITUTE OF CERTIFIED PUBLIC ACCOUNTANTS SENIOR AWARD: to the outstanding student in accounting.

BOB HOFFMAN WRITING: for outstanding work in poetry, short fiction and short non-fiction.

TREVETHAN MEMORIAL SCHOLARSHIP: to the English major with at least 75 hours at York College with highest cumulative average in English courses.

MANUFACTURERS' ASSOCIATION OF YORK: for excellence in the sciences.

TELEDYNE-McKAY: for outstanding proficiency in mathematics.

CHEMICAL RUBBER COMPANY FRESHMAN ACHIEVEMENT: to the outstanding freshman chemistry student.

ROTARY CLUB OF YORK: to the student who has best demonstrated "Service Above Self."

MR. & MRS. JOHN SEMMELMAN: to a graduating woman, at least 30 years of age, based on personal endeavor, academic achievement and service to York College.

H. LaMARR RICE FORENSICS: for outstanding student performance in Forensics.

JOANN RUTTER HARTMAN READING ACHIEVEMENT: to an elementary education upperclassman for outstanding dedication to reading education.

WILLIAM H. SWARTZ MEMORIAL: to a veteran of the Armed Forces and a contributor to campus and community life.

SYLVIA NEWCOMBE: for outstanding contributions to the recreation program.

THE YORK WATER COMPANY: to the sophomore Biology major with highest average in Biology courses.

SALES MARKETING EXECUTIVES, YORK CHAPTER: to the outstanding marketing senior.

EVELYN PETAY LYON: to the nursing major graduating with the highest academic average.

WILLIAM C. LANGSTON, M.D.: to a senior for highest achievement in nursing of child-bearing family.

YORK COLLEGE ALUMNI ASSOCIATION: to students who earn Summa Cum Laude honors.

JAMES L. MORRISON MEMORIAL: for academic achievement in American History courses.

BRANDER WYATT MORRISON MEMORIAL: for excellence in music.

PENNSYLVANIA RECREATION & PARK SOCIETY: the outstanding student award from the Society's annual conference.

BIOLOGY SEMINAR: given to the student who presents the best original research paper as determined by the members of the faculty.

JEFFREY L. ZEIGLER MEMORIAL: to a member of the Biology Club who has shown dedication to and worked toward the betterment of the student chapter.

DONALD F. HESS: for excellence in and commitment to Production and Inventory Management.

SANDERSON AWARD: to a sophomore nursing major who has demonstrated excellence in his/her work.

HARRY B. FIELDS/SCORE: to a senior exhibiting entrepreneurial aptitude and superior performance in small business studies.

NELIE PHILLIPS BROWN MEMORIAL: for excellence in English Literature.

MARY E. YAGLE: to the graduating senior judged to have had the greatest amount of integrity during student nursing career.

THE PAM ABEL SCHOLARSHIP AWARD: to the junior student adjudged to have shown the greatest courage and perseverance in overcoming personal obstacles in the pursuit of the nursing degree.

HELEN MILLER GOTWALT DRAMA: for outstanding contribution to the YCP Theatre Company.

KENNETH S. HATCH MEMORIAL: history and political science major on the basis of academic merit and financial need.

BURG ANSTINE SPEECH: the senior with the highest grade point average in Speech Communication.

Student activity awards include the following:

HONOR SCOOP: The Honor Scoop is awarded annually to the organization that has contributed the most service to York College and the community during the academic year. Selection is made by a committee of administrators, faculty, and students.

STUDENT SENATE SERVICE AWARDS: The Student Senate presents these service awards to a group of upperclassmen for outstanding service to the College and community through participation in extracurricular activities. The Student Senate Service Awards Committee selects the award recipients.

WHO'S WHO AMONG STUDENTS IN AMERICAN UNIVERSITIES AND COLLEGES: This national Who's Who program annually honors outstanding campus leaders for their scholastic and community

Student Life

achievements. College juniors and seniors are eligible for nomination, and final selections are made by a committee of faculty and students.

DANIEL J. KLINEDINST, JR: Presented to the male athlete who displayed sportsmanship, athletic ability, and obtained a creditable scholastic record.

GEORGIA HEATHCOTE STALLMAN: to the outstanding graduating woman athlete.

DONALD SUERETH MEMORIAL: Presented to the student selected as greatest contributor to the welfare of the College.

YORK DAILY RECORD FIGHTING HEART: best typifies a Fighting Heart as an athlete and student, sponsored by the local daily morning newspaper.

SOCIETY FOR ADVANCEMENT OF MANAGEMENT: to outstanding student of the local chapter.

HORIZON: to outstanding contributor to the production of the Yearbook.

SPARTAN: to outstanding contributor to the publication of the Newspaper.

WVYC: to outstanding contributor to the operation of the College Radio Station.

STUDENT SENATE OUTSTANDING FRESHMAN: Presented to a freshman senator for outstanding service to the College and community during the academic year.

RENE S. GALLAGHER MEMORIAL: Presented to the Peer Advisor who, through his/her work with the

Freshman class, has exhibited the highest degree of unselfish concern for the welfare of fellow students.

EMILY ALLEN KAIN GOLDEN RULE SCHOLARSHIP AWARD: shall be awarded to the junior class female student who best exemplifies the "Golden Rule" through her service to the College and the York Communities.

WILLIAM H. KAIN GOOD CITIZENSHIP SCHOLARSHIP AWARD: shall be awarded to the junior class male student who best exemplifies "Good Citizenship" in his acts and deeds within the College and the York Communities.





Admissions and Finances



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York College of Pennsylvania

Admissions and Finances

ADMISSIONS POLICY

It is the policy of York College of Pennsylvania to grant admission to applicants without regard to gender, race, creed, color, or national origin. Any applicant who fulfills the basic admission requirements is given every possible consideration within the limits of our housing and classroom facilities.

The Committee on Admissions of York College endeavors to admit those students whose records indicate that they possess the qualities needed to achieve academic success at the college level. York seeks students who are strongly motivated to excel in college, and who are mature enough to accept and fulfill collegiate responsibilities.

Applicants for admission must have graduated from an approved secondary school or have earned a state equivalency diploma prior to their enrollment at York College. Applicants should present academic records which demonstrate achievement and ability commensurate with college work, along with letters of recommendation that attest to their character and personal outlook.

When and How to Apply

Applicants for admission should submit an application to the Director of Admissions early in their senior year. This form must be completed in its entirety and according to the printed instructions. The application fee of \$20.00 must accompany the application. This fee is non-refundable.

Academic Preparation

In general, the applicant's secondary school program should include the following units: four in English; three in social studies; four in academic math; two-three in laboratory science; two in languages. Admission decisions are based upon a formula which takes into account high school performance and SAT (or ACT) scores, as well as the personal character and qualities of the applicant.

ADMISSIONS PROCEDURES

Students seeking admission to York College should follow these recommended procedures:

1. Send a completed application to the Admissions Office.
2. Submit a transcript of secondary school grades.
3. Arrange for recommendation to be sent from a high school counselor, indicating that the applicant is prepared for college level work. (This recommendation may appear on the transcript which is sent to the College, or sent as a separate letter.)
4. Take the Scholastic Aptitude Test of the College Entrance Examination Board by January of the senior year. Information about the examination may be obtained from the high school counselor's office or by writing directly to the College



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Entrance Examination Board, Box 592, Princeton, New Jersey 08540.

5. All applicants are urged to visit the campus. A personal interview with an admissions counselor is encouraged and should be scheduled in advance of the visit.
6. Submit a health history and report of a physical examination prior to matriculation. Forms are supplied by the College.

Acceptance

EARLY ADMISSION PLAN—In an effort to provide an opportunity for exceptionally well-qualified high school students to accelerate their studies, York College offers a program under which carefully selected students may be admitted to the college upon completion of the junior year of high school.

Students enrolled in this program are admitted as freshmen and, upon successful completion of the freshman year, are granted a high school diploma by their high school, as well as the college credits earned.

Applicants must have the approval of their parents, high school principal and be recommended by their guidance counselor, in addition to having combined SAT scores of 1,000 and a 3.00 cumulative high school grade point average.

NOTIFICATION—Committee action occurs and applicants are notified as soon as all credentials have been received and evaluated. All acceptances are granted on the condition of satisfactory completion of secondary school and appropriate notice to the College of such completion.

ACCEPTANCE DEPOSIT—Applicants are encouraged to pay the registration deposit as soon as possible. Traditionally, both resident and commuter openings for fall fill quickly after March 1. Because admission to York College for both the fall and spring semesters is on a rolling basis, acceptance of deposits will be contingent upon space availability. Deposits for the fall semester are refundable if written notification to the Admissions Office is postmarked by April 15.

HOUSING—There are three general housing classifications for York College students:

1. The **Resident Student** lives in any of the College owned or affiliated facilities. A Housing Application/Contract card and detailed housing information are forwarded with each acceptance letter. Housing is reserved as the Application/Contract card and appropriate deposit are received.
2. The **Commuter** is a local resident of the York County area who continues to live at home while attending the College.

3. The **Resident Commuter** is a student who lives away from home in independent (non-College-affiliated) housing. Independent housing listings are available through the Residence Life Office.

Admission of International Students

York College welcomes applications from international students. In addition to fulfilling the requirements stated under Admissions procedures, international students must submit satisfactory scores from the Test of English as a Foreign Language (applicants whose native language is English are excepted) administered by the Educational Testing Service, P.O. Box 592, Princeton, New Jersey 08540, U.S.A. A statement must be submitted which is certified by a U.S. Embassy or bank that sufficient funds exist and will be released from the country to cover all educational and living expenses while attending York College. This information is required prior to issuance of an I-20 AB Form by the designated school official. International students must apply for admission at least three months prior to the semester in which they wish to enroll.



Courses for High School Students

Capable high school juniors and seniors are encouraged to take some college (credit) courses during their last two years in high school. The experience exposes them to a college environment while still retaining important high school social interactions.

Admission of Transfer Students

Transfer students from regionally accredited two and four-year institutions are welcomed. Preference will be given to those students with a grade point aver-

Admissions and Finances

age of 2.5 or higher. A maximum of seventy-five semester hours will be accepted in transfer from two-year colleges.

Students who are transferring from other institutions offering college level work must:

1. Submit an application form and the \$20.00 application fee. This fee is non-refundable.
2. Furnish a transcript of college work previously taken. An official transcript of all previous work is required whether a student has earned transfer credit or not, or whether a student wants transfer credit or not. Credit may be given for transfer courses in which the applicant has earned "C" or higher.
3. Must complete at least 30 credit hours at York College for completion of any degree program.
4. Students in academic difficulty at another institution who desire admission to York College as full-time students are not eligible to apply until one semester has passed and they have taken at least six credits of coursework at York College or any other accredited institution, and have earned at least a "C" in each course taken.

Students who have earned an Associate of Arts, Associate of Science, or other equivalent two-year degree shall be accepted as candidates for a Bachelor of Arts or Bachelor of Science Degree, subject to the following qualifications:

1. The Associate Degree shall have been awarded by a regionally accredited institution.
2. All students holding degrees from other institutions shall have transcripts evaluated by the Admissions Committee.
3. Although full credit is given for the earned degree, a student may be required to take certain additional courses not previously completed satisfactorily which are prerequisite for his chosen curriculum.
4. Graduation with honors will be based on the cumulative grade point average earned including transfer credits.
5. Transfer students are eligible for financial aid at the time of admission.

In the case of nursing program students, all records of transfer students must be reviewed by the Scholastic Standards Committee of the Department of Nursing prior to admission to the first clinical nursing care course. The earliest review date for Fall admission is June 15th. Refer to admissions criteria for Department of Nursing.

Admission of Veterans

Students training under one of the public laws for veterans should apply at their local Veterans Adminis-

tration Office for educational benefits prior to their registration in College. They should bring with them, if possible, for registration purposes the original or supplemental letter of eligibility. Veterans may qualify for advanced standing; they should check their service schooling with the Director of Admissions.

Matriculation

Matriculation is the process in which a student applies to the College in a degree program and is admitted as a student in that program. Students maintain their matriculated status as long as they enroll in at least one course in every fall and spring semester. A student is permitted to miss one (1) semester without losing matriculation status; however, if a student misses a second consecutive semester he or she loses matriculated status. To resume his or her studies, the student must then obtain and file a readmission application with the Admissions Office and be formally readmitted to the College. At that time, the student's degree requirements will be determined by the curriculum published in the College catalog then in force, not the catalog of prior matriculation.

All part time students must apply for matriculated status when 24 credit hours of coursework have been completed. A minimum 2.0 grade point average is required for matriculation. There are many benefits to matriculation, perhaps the most important of which is the assignment of a faculty advisor from the student's curriculum. It is important to realize that all students must have matriculated not later than the semester prior to the one in which they plan to graduate. Those students who wish to matriculate may do so by securing an admissions application from the Admissions Office, completing the application and returning it to that office.

Deferred Matriculation

An applicant may have their admission deferred for one year by submitting to the Admissions Office a request for deferred matriculation. Students who complete unsatisfactory work at another institution during that period will lose their deferment. The tuition deposit will be applied to the semester of matriculation.

Policy for Enrollment of Part-Time Non-Matriculated Students

Any individual who graduated from high school two years or more preceding the initial proposed date of attendance at York College may enroll in courses

Admissions and Finances

as a part-time non-matriculated student. Individuals who have graduated from high school within two years preceding the initial proposed date of attendance at York College may enroll in courses only if they have been accepted into a degree program at York College or can document satisfactory enrollment status at another accredited college or university. Acceptable documentation is either a copy of a current college transcript or a copy of a letter of admission from the college or university the student is planning to attend. Any student is eligible to transfer into York College upon completing 30 or more credits from an accredited college or university, with a minimum 2.5 grade point average.

EXPENSES

Tuition and fees are payable prior to the beginning of each semester. No student may enter class until payment or arrangements for payment have been made. No reduction in tuition or fees is made for late registration.

If students do not meet their financial obligations prior to the end of the academic semester they will not be permitted to attend classes nor will they be permitted to take final examinations. Grades and transcripts will not be released until all financial obligations have been met.

The College reserves the right to change fees and charges without notice; however, College policy mandates moderate changes with reasonable advance notice of changes.

Billing and Payment Due Dates

(1993-94)

Fall Semester: Resident & Commuter Students

Billing Date: June 25, 1993

Payment Due Date July 26, 1993

Spring Semester:

Billing Date November 8, 1993

Payment Due Date December 15, 1993

A \$25 LATE PAYMENT FEE APPLIES AFTER DUE DATE

Tuition

Per Semester

Full-time students* (12-18 credits per semester and laboratories, 1993-94) \$2,392.50

Beyond 18 credit hours, per credit hour \$154

Anyone who is enrolled for more than 18 credits as of the last day to add a class will be billed for those additional credits whether or not the student drops below 19 credits at a future time during the semester. The withdrawal will have no bearing on the financial obligation.

Part-time students (less than a total of 12 credits per semester) per credit hour \$154

Auditors

Per credit hour \$30

(In addition to the above, auditors are charged a General Fee of \$32.00 which includes parking privileges.) Auditing will not be permitted in laboratory or non-credit courses.

*There will be an additional tuition charge of \$245 per semester for full-time Sophomore, Junior and Senior students majoring in the Nursing program.

*There will be an additional tuition charge of \$245 per semester for full-time Respiratory Therapy students while in the clinical portion of the program.

Fees

Application Fee (new students only) \$20

Valid only if the student schedules classes during the academic year for which he has been accepted.

General Fee —12 credits or more

(per semester) \$68

Entitles student to campus parking for commuters, College Health Service, free admission to all home athletic contests, concerts and lectures, and use of the Student Union.

General Fee —11 credits or less

(per semester) \$32

Entitles part-time student to campus parking for commuters, free admission to all home athletic contests, concerts and lectures, library services, scheduled advising services, and the use of the Student Union.

Special Fees

Late Scheduling Fee Part-Time Student—\$15

Full-Time—\$25

Make-up examination \$10

Change of program (per change) \$10

Student Senate Fee (per semester) \$37

This fee assessed by the Student Senate and collected by the College for the Student Senate.

Applied Music

Applied Music fees in voice, piano, organ or instrument are assessed each semester. Once the student has enrolled and scheduled a lesson time, the applied music fee will not be refunded for any reason.

1/2 hour per week \$215

Two 1/2-hour periods or one 1-hour period per week \$400

Student Teaching Fee for Education

majors \$150

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Degree Fee (required of all students

as follows): \$30
For students matriculated in the baccalaureate program, this fee is due and payable immediately following the semester during which the student accumulates 105 credits toward graduation. For part-time students, it is due and payable following the semester during which 114 credits have been accumulated. For students matriculated in associate degree programs, this fee is due and payable immediately following the semester during which the student accumulates 45 credits toward graduation, either from York College or as a transfer student from another institution. For part-time students, it is due and payable immediately following the semester during which the student accumulates 54 credits toward graduation.

Chemistry Laboratory Breakage Fee: \$20

All students enrolled in chemistry courses will be required to purchase a Laboratory Breakage Card from the Business Office at the start of each semester. Students will be responsible for payment for lost or carelessly broken equipment. Any unused portion of the card may be refunded at the end of the semester.

Laboratory Fees (part-time students only): \$30

A laboratory fee is charged for certain courses for part-time students only. A listing of these courses will be available at the beginning of each semester.

Nursing and Respiratory Therapy Courses (prefixed by letter N or RT) (part-time)

per credit hour \$25

Credit by Examination (per course) \$100

Late Payment Fee for Semester Billing

full-time students \$25

part-time students \$15

Delinquent Check Charge \$20

This fee is charged against the account of any person who gives the college a check, which, when presented for collection, is not honored by the bank on which it is drawn.

TYPICAL TUITION AND FEE COSTS AT YORK COLLEGE FOR ONE SEMESTER

1993-94

	Cost Per Semester For Resident Student*	Cost Per Semester For Commuter Student*
Tuition	\$2,392.50	\$2,392.50
General Fee	68.00	68.00
Student Senate Fee	37.00	37.00
Room	812.50	\$2,497.50
Board	862.50	
	<u>\$4,172.50</u>	

*In addition to these charges, a student will incur expenses for books and supplies and, in certain instances, special fees. After the freshman year, students majoring in Nursing and Respiratory Therapy are charged an additional \$245 per semester.

Residence Fees

Per Semester 1993-94

Room Rent*	**\$812.50-\$1,093.00
Board	\$862.50

Students residing in traditional and apartment-style halls on campus proper are required to participate in board arrangements made by the College.

* There are a few single rooms available for an additional fee of \$100 per year.

** Depending upon location.

Note: The Semester Lunch Plan is available for students who live off campus or in housing where Board is optional. This plan offers lunch only five (5) days a week at a cost of \$300 per semester or \$600 per year.

REFUND POLICY

The refund policy for credit courses is as follows:

Full-Time

During the regular Fall or Spring semester, if a student withdraws from all courses, the following tuition refund will be made:

- Withdrawal during the first or second week of the session—80 percent.



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- Withdrawal during the third week of the session—60 percent.
- Withdrawal during the fourth week of the session—40 percent.
- Withdrawal during the fifth week of the session—20 percent.
- Withdrawal during the sixth or succeeding week of the session—0 percent.
- Withdrawal without officially notifying the Records Office—0 percent.
- Suspension—0 percent.

Part-Time

Since Part-time students pay for courses on a per-credit basis, a refund is based on the number of credits dropped according to the following schedule:

- Withdrawal during the first or second week of the session—80 percent.
- Withdrawal during the third week of the session—60 percent.
- Withdrawal during the fourth week of the session—40 percent.
- Withdrawal during the fifth week of the session—20 percent.
- Withdrawal during the sixth or succeeding week of the session—0 percent.
- Suspension—0 percent.

No refund of any fees will be made. These would include general, laboratory, application and other special fees.

If a full-time resident student withdraws from all courses, there is no refund of the room fee, but the unused portion of the meal ticket will be refunded.

In applying the withdrawal schedule above, the first week of the session begins on the Monday of the week in which college classes begin. This week may include Labor Day. For reference see the official calendar at the end of this catalog.

Failure to attend class, merely giving notice to instructors, or telephoning, will not be considered as an official withdrawal and will result in the student's receipt of a failing grade for the course. A Change of Student Record Form must be obtained at and returned to the Records Office. (Day Students), Office of Continuing Studies or Campbell Hall Office (Evening Students).

This refund policy meets the U.S. Department of Education's regulation of a "fair and equitable" refund policy. All refund credits to students receiving Title IV federal aid will be in compliance with current or amended regulations.

The refund policy for Summer credit courses is as follows:

Summer

Refunds for Summer students who are taking courses in the Mini-Mester, Summer I or Summer II

Sessions will be based on the number of credits dropped:

- Withdrawal during the first day of classes—80 percent.
- Withdrawal during the second day of classes—60 percent.
- Withdrawal during the third day of classes—40 percent.
- Withdrawal during the fourth day of classes—20 percent.
- Withdrawal after the fourth day or without officially notifying the Records Office—0 percent.

In applying the refund schedule, the first day of classes begins on the Monday of the week in which College classes begin.

Deposit Refunds

Applicants for the fall semester admitted prior to February 1st are encouraged to pay the registration deposit by March 1st, while those admitted following March 1st should plan to pay within thirty days of acceptance. The earlier a deposit is received the greater the likelihood of obtaining a place in the entering class. All deposits are credited toward the semester tuition. Deposits for the fall semester are refundable only if written notification to the Admissions Office is postmarked by April 15.

... for Returning Students

Returning Students are required to make a \$100.00 deposit, if a commuter, or \$200.00 deposit, if a resident. The deposit for Returning Students will be refunded under the following conditions:

- (a) If a student is academically suspended from the College;
- (b) If a student is refused final admission;
- (c) All full-time students attending the Fall Semester are requested to make the required deposit before scheduling classes. This deposit signifies their intention to return to York College in the Spring Semester of the academic year. In order to obtain a refund of his deposit, a student must file a written request for refund of his deposit with the Business Office on or before December 20. If a full-time student withdraws, or is socially suspended, after December 20 and prior to the start of Spring classes, no refund of the deposit will be made.
- (d) All full-time students attending the Spring Semester are requested to make a similar deposit before scheduling classes. This deposit signifies their intention to return to York College in the Fall Semester of the next academic year. In order to obtain a refund of this deposit, a student must file a written request for refund with the Business Office on or before June 15. If a full-time

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student withdraws, or is socially suspended after June 15 and prior to the start of Fall classes, no refund of his deposit will be made.

STUDENT MEDICAL INSURANCE

Students not otherwise covered by health and accident insurance are required to apply for coverage under a policy available to all York College students. These premiums are for a twelve month contract, September 1 to August 31. Specific information regarding coverage will be sent to all students by mail prior to the opening of the Fall semester. Students who carry insurance through the College program must file a claim form within twenty days following the accident or illness. Claim forms are available in the Health Center.

FINANCING YOUR EDUCATION

Financial Policy

There are numerous sources upon which students may draw to finance their education. Some funds are administered by the College and others are available to students by means of Federal support of higher education in the form of loans, scholarships and grants-in-aid. Every effort is made by the College to keep tuition and fees at moderate levels as a form of "scholarship" aid to all entering students.

York College is a member of the College Scholarship Service of the College Board. Non-Pennsylvania resident aid applicants may supply a Financial Aid Form submitted through the College Scholarship Service or they may file the Pennsylvania State Grant application (PHEAA/Federal Student Aid Application). All returning students are encouraged to file the PHEAA/Federal Application.

Inquiries should be directed to:
Financial Aid Officer
York College of Pennsylvania
York, Pennsylvania 17405-7199

Qualification for Aid

Through its general funds, scholastic endowments, annual gifts, and loan funds, the College is able to offer aid on the basis of documented financial need.

To qualify for consideration, an applicant must:

Be enrolled or accepted for enrollment as a full-time student.

Returning students must maintain a GPA of 2.0 to qualify for College administered funds.

Meet any stated requirements of an individual fund.

File a completed institutional application for financial aid.

File a Financial Aid or PHEAA/Federal Form.

Transfer students must request a Financial Aid transcript from their previous institution.

Application deadline (to have all information to Financial Aid Office) is April 15. Applicants are encouraged to file all forms prior to March 15.

Satisfactory Academic Progress Policy

The Higher Education Act of 1965 as amended by Congress in 1980 mandates institutions of higher education to establish standards of "satisfactory progress" for students receiving financial assistance from Federal Funds. As of May 1, 1986, the College makes these standards applicable to the Pell Grants, Supplementary Educational Opportunity Grants, Perkins, College Work Study Program, Nursing Student Loans, Stafford Loans and "PLUS" Loans. Institutional funds require a minimum grade point average of 2.0 unless the guidelines of the scholarship or fund stipulates a higher G.P.A.

Undergraduate students enrolled for twelve (12) credits are considered to be full-time. Six (6) to eight (8) credits are considered half-time. Nine (9) to eleven (11) credits are considered to be three-quarter time.

The following will govern the monitoring of undergraduate students for Satisfactory Academic Progress for Title IV financial assistance.

Good Standing

1. To be in good standing, each student must meet the standards for Qualitative Progress as measured by cumulative Grade Point Average (GPA) and Quantitative Progress as measured by cumulative credits earned.
 - a. To be in good standing on a QUALITATIVE basis, the following progress must be maintained:

Upon completion of 12 credits—1.6 GPA

Upon completion of 24 credits—1.7 GPA

Upon completion of 36 credits—1.85 GPA

Upon completion of 48 or more credits—2.0 GPA

2. To be in good standing on a QUANTITATIVE basis, a student must have passed at least 75% of the cumulative number of registered credits at YCP.
 - b. "Registered credits" are the number of credits for which a student is enrolled at the end of the Drop/Add period (for a student who was originally registered and charged at full-time status, and who reduced during Drop/Add to part-time status), the registered credits will be calculated as twelve (12).
3. To determine academic progress, a student's cumulative academic record will be reviewed at

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the end of each academic year. (This policy applies to both full-time and part-time students.)

A student who does not attain either QUANTITATIVE or QUALITATIVE standards will be placed on financial aid probation. The status of a student on financial aid probation will be reviewed each semester (fall, spring, summer) to determine if the probation may be lifted.

A student who is placed on financial aid probation may be continued on probation for the next two semesters for which the student is enrolled at YCP. (Summer and fall or fall and spring or spring and summer.)

A student on financial aid probation who does not return to Good Academic Standing within two semesters (see item above) will have all financial aid terminated.

A student may qualify for reinstatement by enrolling in summer sessions or fall or spring semesters (without financial aid) and raising the quantitative and/or qualitative record(s) to the required standard. (See "Good Standing" above.) By formal appeal through the Office of the Dean of Administrative Services, an extension of one semester is granted in exceptional and extenuating circumstances.

All students must complete their degree program within an established time frame. Since enrollment status may vary from semester to semester, the time frame is measured in terms of credits attempted at York College.

Federal Financial Assistance will terminate at the end of the following time frames:

1. It is expected that the bachelors degree will be earned at the point of having 165 Registered Credits. Since 75% of the registered credits must be passed to maintain satisfactory progress, 124 credits (the number required for graduation) would be earned at the point of having 165 registered credits.
 - a. Exceptions are:
 1. Engineering Management (131 Cr.)—175 credits
 2. Medical Technology (136 Cr.)—185 credits
 3. Music (131 Cr.)—175 credits
 4. Nuclear Medicine (128 Cr.)—172 credits
 5. Nursing (131 Cr.)—175 credits
2. Associate Degree candidates should have earned the degree at point of having 84 registered credits.

If a student feels he or she has extenuating circumstances, the student should request the Director of Fi-

nancial Aid to review his or her circumstances. In the event the student is not satisfied with the review decision, he or she may appeal to the Dean of Administrative Services.

A student on academic suspension is not eligible for any type of aid.

Incomplete courses are counted as courses taken but will not count toward progress unless satisfactorily completed within two months of the end of the marking period.

Withdrawn courses are counted as courses taken but do not count toward progress.

A repeated course does not count toward progress (it is not a new course).

Non-credit and Audit courses are not counted as courses taken toward progress.

GRANTS

Federal Pell Grants (Formerly Basic Opportunity Grants)

A Federal program which provides grants of up to \$2300 to students showing a financial need. Application is made directly to the government.

Pennsylvania Higher Education Grant Program

York College of Pennsylvania is a participating institution in the Pennsylvania Higher Education Grant Program. All students applying for institutional financial aid must apply for these funds if they are a Pennsylvania resident. Each year application deadlines are announced by the Agency. Award amounts are limited to 80% of the cost of tuition, but may not exceed \$2400 per year. Students are eligible for up to 8 semesters of grant eligibility (in a four-year program). Students must maintain academic progress (progression from one academic level to the next academic level each year). Students should contact their high school Guidance Office, the Financial Aid Office at the school they are, or will be, attending, or PHEAA, Towne House, Harrisburg, Pa. 17102 for further information.

Federal Supplemental Educational Opportunity Grants

York College of Pennsylvania awards Federal Supplemental Educational Opportunity Grants to a

Admissions and Finances

limited number of students with exceptional financial need who require these grants to attend college. This program was authorized by the Higher Education Act of 1965 and began its first year of operation in the fall of 1966.

The amount of financial assistance a student may receive depends on his need.

Federal College Work-Study Program

This program was established by the Economic Opportunity Act of 1964 and was transferred to the United States Office of Education by the Higher Education Act of 1965.

Under the Work-Study Program, full-time students are assigned responsibilities for the full academic year. Students may be employed up to 10 hours per week.

Work-Study has been of particular interest to many students and has become one of the most attractive ways to help in the payment of college expenses. If the assignment to a Work-Study Program should not sufficiently meet the financial needs of a student to attend York College, a "package of aid" (consisting of a combination of work, loan or scholarship) may be awarded in order not to place an undue hardship upon the student or his family.

Scholastic Honors Program

The York College Scholastic Honors Program provides qualified local high school juniors with the chance to enroll in one or two entry level college courses during the spring semester of their junior year at one-half tuition cost. Successful candidates may also continue taking courses during their senior year at the same reduced tuition rate.

High school juniors with a minimum "B" average and a PSAT score of 100 and/or an SAT score of 1,000 or higher are eligible. Students must also be enrolled in a college preparatory or academic curriculum at his/her high school. Each student must also submit a recommendation from both his or her high school guidance counselor and a letter of permission from his or her parent or guardian.

An application for admission to the York College Scholastic Honors Program can be obtained at high school guidance offices or the York College Admissions Office.

Institutional Scholarships

York College students benefit from over one hundred fifty institutional scholarships, most of which come from endowed funds. These scholarships have

been established through gifts to York College from alumni, private individuals, corporations, organizations, and foundations.

Some fund guidelines stipulate that preference be given to students who major in particular disciplines, native of certain regions, dependents of employees of sponsoring companies, or qualified recipients in terms of other criteria. Most are available to new and returning matriculated full-time students, and are renewed in subsequent years, contingent upon satisfactory academic progress. Some are available to part-time students.

In order to be considered for institutional scholarships, a student must first submit a properly completed "York College Financial Aid Application" to the Financial Aid Office within established deadlines. Application forms and details about specific institutional scholarships and deadlines are available from the Financial Aid Office.

Scholarship funds from which York College students currently benefit include:

TRUSTEE HONORS SCHOLARSHIP. A competitive scholarship of full tuition per year for five entering full-time freshmen who graduated in the top one-fifth of their high school class and attained a combined SAT score of 1100 or better. In addition to academic requirements, students are judged on their leadership involvement in academic and extracurricular activities. Finalists are interviewed on campus in the spring. This scholarship will cover the difference between full tuition and government aid or other scholarships.

Scholarships will be renewed for up to four years for students who maintain a minimum grade point average of 3.5. One-half of the scholarship will be awarded annually to those maintaining a grade point average of 3.2 to 3.49.

PRESIDENTIAL SCHOLARSHIP. A competitive scholarship of one-half tuition per year for entering full-time freshmen awarded by each of the nine (9) departments of the College. Candidates must meet the eligibility requirements of the Dean's Academic Scholarship. A minimum grade point average of 3.5 is required to renew the scholarship each year for up to four years. One-half of the scholarship will be awarded to those maintaining a grade point average of 3.20 to 3.49.

VALEDICTORIAN AND SALUTATORIAN SCHOLARSHIP. A one-half tuition scholarship per year for entering full-time freshmen who were valedictorians or salutatorians of their high schools and have a combined SAT score of 1,000 or better with a minimum score of 500 on the math section and 460 on the verbal section.

A minimum grade point average of 3.5 is required to renew the one-half tuition scholarship each year for up to four years. One-half of the scholarship will be awarded annually to those maintaining a grade point average of 3.20 to 3.49.

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DEAN'S ACADEMIC SCHOLARSHIP. A scholarship of one-third tuition per year for one hundred and fifty (150) entering full-time freshmen who have graduated in the upper two-fifths of their high school class and have a combined SAT score of 1,000 or better with a minimum score of 500 on the math section and 460 on the verbal section.

For those graduating from a high school which does not rank students, the Admissions Office will determine eligibility based on academic record. A minimum grade point average of 3.5 is required to renew the scholarship each year for up to four years. One-half of the scholarship will be awarded annually to those maintaining a grade point average of 3.20 to 3.49.

Other scholarships and awards include:

PAM ABEL SCHOLARSHIP AWARD FUND
AMERICAN PRODUCTION AND INVENTORY CONTROL SOCIETY SCHOLARSHIP & AWARD FUND
JOHN ANDREWS SCHOLARSHIP FUND
W. BURG ANSTINE SCHOLARSHIP FUND
JOHN L. AND MARY FRANCES ATKINS SCHOLARSHIP FUND
JOHN E. BAKER II MEMORIAL SCHOLARSHIP FUND
J.E. BAKER COMPANY SCHOLARSHIP FUND
BANK OF HANOVER & TRUST CO. SCHOLARSHIP FUND
LOIS BELL SCHOLARSHIP FUND
LESTER W. AND KATHRYN E. BENTZ SCHOLARSHIP FUND
DR. JOHN W. AND EVELYN M. BEST SCHOLARSHIP FUND
GEORGE M. BRENEMAN TRUST
BRETHREN HOME FOUNDATION
CHRESTON K. AND MERRILL G. BRIGGS MEMORIAL SCHOLARSHIP FUND
WILLIAM F. BROSSMAN FAMILY TRUST
LESTER L. AND ANNA S. BUCHART SCHOLARSHIP FUND
CAMPBELL CHAIN COMPANY SCHOLARSHIP FUND
MR. AND MRS. HOWARD D. CAMPBELL SCHOLARSHIP FUND
MARY D. CARLSON MEMORIAL SCHOLARSHIP FUND
EMPLOYEES OF CATERPILLAR, YORK, SCHOLARSHIP FUND
JOSEPH R. CHAMBERLAIN SCHOLARSHIP FUND
CITIZENS' SCHOLARSHIP FOUNDATION
J. FRANK COLE SCHOLARSHIP FUND
COLEMAN SCHOLARSHIP FUND
COLONY PAPERS, INC. SCHOLARSHIP FUND
JOHN P. CONNELLY SCHOLARSHIP FUND
ROBERT A. COTTINGHAM MEMORIAL SCHOLARSHIP FUND

CREDIT BUREAU OF YORK, INC., AND ADAMS COUNTY SCHOLARSHIP FUND
DAUPHIN DEPOSIT BANK AND TRUST CO. SCHOLARSHIP FUND
DEVERS LIONS CLUB
WHITF. TIM DRAYER SCHOLARSHIP FUND
DROVERS AND MECHANICS BANK SCHOLARSHIP FUND
EAST YORK LIONS CLUB
STANLEY G. AND GLADYS S. EBERLY MEMORIAL SCHOLARSHIP FUND
LUCY P. EISENHART MEMORIAL SCHOLARSHIP FUND
CHARLES AND VERBIE EMIG MEMORIAL SCHOLARSHIP FUND
GEORGE D. EVERHART MEMORIAL SCHOLARSHIP FUND
CHARLES G. AND MAREA V. EYSTER SCHOLARSHIP FUND
FARMERS BANK AND TRUST CO. SCHOLARSHIP FUND
MR. AND MRS. JEAN E. FORINASH SCHOLARSHIP FUND
ALFRED GUY FREAS SCHOLARSHIP FUND
HENRY D. AND MARY E. FREED SCHOLARSHIP FUND
EARL J. AND INEZ C. FREY SCHOLARSHIP FUND
NINA AND PHILIP FRIEDMAN MEMORIAL FUND
HERBET W. FURSE MEMORIAL SCHOLARSHIP FUND
W. EMERSON AND HELEN D. GENTZLER SCHOLARSHIP FUND
FREDERICK BAUGHER GERBER MEMORIAL FUND
FLORENCE M. GIPE MEMORIAL SCHOLARSHIP FUND
ARTHUR J. GLATFELTER SCHOLARSHIP FUND
CASSANDRA GLATFELTER MEMORIAL SCHOLARSHIP FUND
RUSSEL G. GOHN AND ELEANOR A. GOHN TRUST FUND
DORIS AND BERNARD GORDON SCHOLARSHIP FUND
GRAHAM COMPANIES YORK COLLEGE OPPORTUNITY PROGRAM
CLARENCE GREEN MEMORIAL SCHOLARSHIP FUND OF GREEN'S DAIRY, INC.
MICHAEL DAVID GROSS MEMORIAL SCHOLARSHIP FUND
ZACHARY GROSS MEMORIAL SCHOLARSHIP FUND
JOHN F. & JULIA A. GROVE & JOHN F. & THERESA I. GROVE SCHOLARSHIP FUND PRESENTED BY YORK GRAPHICS SERVICES EMPLOYEES
GTE SCHOLARSHIP FUND
JULIA SPRENKEL HALL MEMORIAL SCHOLARSHIP
HAMILTON BANK

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HARLOWE HARDINGE SCHOLARSHIP FUND
LORI M. HEFFNER MEMORIAL SCHOLARSHIP FUND
CHARLES J. HELB MEMORIAL SCHOLARSHIP FUND
JOHN W. AND MARTHA S. HENNESSEY SCHOLARSHIP FUND
HERCULITE PRODUCTS, INC., SCHOLARSHIP FUND
FRED HESPENHEIDE MEMORIAL SCHOLARSHIP FUND
STANLEY AND ROSALIE HOFFMAN SCHOLARSHIP FUND
JULETE M. HONOUR SCHOLARSHIP FUND
PHILIP A. AND ELIZABETH J. HOOVER SCHOLARSHIP FUND
ELIZABETH S. AND HARRY W. HOKE MEMORIAL SCHOLARSHIP FUND
ETHEL H. AND JOHN T. ILES SCHOLARSHIP FUND
EMILY ALLEN AND WILLIAM H. KAIN SCHOLARSHIP AWARDS FUND
GEORGE FRANKLIN KAUFFMAN SCHOLARSHIP FUND
HOWARD N. KING SCHOLARSHIP FUND
ROBERT A. KINSLEY, INC., SCHOLARSHIP FUND
REV. HEYWOOD G. KNIGHT MEMORIAL SCHOLARSHIP FUND
ADAM KOHLER FAMILY SCHOLARSHIP TRUST
VIRGINIA AND ROBERT V. KRIKORIAN SCHOLARSHIP FUND
DAVID C. LAWRENCE MEMORIAL FUND
CARL W. LEAMAN, SR., SCHOLARSHIP FUND
SAMUEL A. AND MIRIAM LEWIS MEMORIAL SCHOLARSHIP FUND
J. CHESTER LIVINGSTON AND JESSIE L. LIVINGSTON MEMORIAL FUND
LOATS FOUNDATION, INC.
HAROLD L. AND EVELYN W. MATTHEWS SCHOLARSHIP FUND
MCCRORY CORPORATION SCHOLARSHIP FUND
RACHEL H. AND EDWILL B. MILLER ENDOWMENT FUND
RACHEL H. AND EDWILL B. MILLER TRUSTS
WILLIAM H. MILLER, JR., SCHOLARSHIP FUND
MINERAL PROCESSING SYSTEMS, INC., SCHOLARSHIP FUND
FRED B. AND L. E. F. MINNICH SCHOLARSHIP FUND
MOTTER SCHOLARSHIP FUND
NATIONAL ASSOCIATION OF ACCOUNTANTS-YORK CHAPTER ACCOUNTING SCHOLARSHIP FUND
NATIONAL MERIT SCHOLARSHIP CORPORATION
MARY MARGARET NESTOR FOUNDATION
SYLVIA C. NEWCOMBE ENDOWMENT FUND

R. S. NOONAN SCHOLARSHIP FUND
KARL ORT SCHOLARSHIP FUND
CHARLES F. AND MIRIAM K. POSEY SCHOLARSHIP FUND
AMOS R. AND LILLIAN M. RAFFENSBERGER SCHOLARSHIP FUND
HERBERT M. REHMEYER MEMORIAL SCHOLARSHIP FUND
HERBERT M. REHMEYER MINORITY OPPORTUNITY SCHOLARSHIP FUND
REINHARDT FOUNDATION
LOUIS D. AND JOAN F. ROOT SCHOLARSHIP FUND
FRED ROSENMILLER FAMILY SCHOLARSHIP FUND
GEORGE B. RUDY, JR. TRUST
GEORGE B. RUDY, JR. SCHOLARSHIP FUND
ESTHER T. RUTTER SCHOLARSHIP FUND
RUTTER'S DAIRY, INC. SCHOLARSHIP FUND
HENRY D. SCHMIDT SCHOLARSHIP FUND
THOMAS W. SECKINGER MEMORIAL SCHOLARSHIP FUND
J. EMORY SEITZ MEMORIAL FUND
SERTOMA CLUB OF YORK FUND
PAUL R. AND GRAYCE SHELLY SCHOLARSHIP FUND
CHARLOTTE NEWTON SHEPPARD MEMORIAL SCHOLARSHIP FUND
LAWRENCE B. SHEPPARD MEMORIAL SCHOLARSHIP FUND
SHERIDAN PRESS SCHOLARSHIP FUND
MARVIN E. AND RUTH D. SILBERGER MEMORIAL SCHOLARSHIP FUND
ROBERT E. AND MARY S. SKOLD SCHOLARSHIP FUND
SAMUEL SMALL SCHOLARSHIP FUND
BEAUCHAMP E. SMITH MEMORIAL SCHOLARSHIP FUND
REYNOLD B. SMITH MEMORIAL SCHOLARSHIP FUND
VIRGINIA NOSS SMITH MEMORIAL SCHOLARSHIP FUND
SNAYBERGER MEMORIAL FOUNDATION
SPRINGETTS MANOR LIONS CLUB
J. KENNETH STALLMAN MEMORIAL FUND
NEIL P. STAUFFER AND RUTH M. STAUFFER SCHOLARSHIP FUND
H. R. (DICK) STITELY MEMORIAL SCHOLARSHIP FUND
SUSQUEHANNA-PFALTZGRAFF FOUNDATION SCHOLARSHIP FUND
GASTON I. SWEITZER BOOK FUND
GASTON I. SWEITZER SCHOLARSHIP FUND
THE TEAMSTERS
JOHN B. AND MILDRED L. TERPAK SCHOLARSHIP FUND

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MILLARD G. UNGER MEMORIAL SCHOLARSHIP FUND
UNITED STEELWORKERS OF AMERICA
CHARLES AND MARIE VERGIN SCHOLARSHIP FUND
WAGMAN METAL PRODUCTS, INC., SCHOLARSHIP FUND
T. HOWARD AND INA V. WALKER MEMORIAL SCHOLARSHIP FUND
STEWART E. WARNER SCHOLARSHIP FUND
ELDON S. AND NAOMI B. WEBB SCHOLARSHIP FUND
JOHN E. WEIR MEMORIAL SCHOLARSHIP FUND
ERNEST AND KATHERINE WEISS MEMORIAL FUND
PURDON S. WHITELEY AND GEORGE H. WHITELEY, JR., SCHOLARSHIP FUND
EARLE L. WOLF SCHOLARSHIP FUND
MONICA WOODARD MEMORIAL SCHOLARSHIP FUND
YORK BANK AND TRUST CO. SCHOLARSHIP FUND
YORK COLLEGE OF PENNSYLVANIA ACADEMIC SENATE SCHOLARSHIP FUND
YORK COLLEGE ALUMNI SCHOLARSHIP FUND
YORK COLLEGE DEAN'S ACADEMIC SCHOLARSHIP
YORK COLLEGE ENDOWMENT INTEREST FUND
YORK COLLEGE HELEN McNITT SCHOLARSHIP FUND
YORK COLLEGE PRESIDENTIAL DEPARTMENT SCHOLARSHIPS
YORK COLLEGE PART-TIME STUDENT SCHOLARSHIP FUND
YORK COLLEGE SCHOLARSHIP FUND
YORK COLLEGE FRED C. SMITH SCHOLARSHIP FUND
YORK COLLEGE STUDENT SENATE SCHOLARSHIP FUND
YORK COLLEGE VALEDICTORIAN SCHOLARSHIP
YORK COLLEGE CLASS OF 1984 SCHOLARSHIP FUND
YORK COLLEGE CLASS OF 1985 SCHOLARSHIP FUND
YORK COLLEGE CLASS OF 1986 SCHOLARSHIP FUND
YORK COLLEGE CLASS OF 1987 SCHOLARSHIP FUND
YORK COLLEGE CLASS OF 1988 SCHOLARSHIP FUND
YORK COLLEGE CLASS OF 1989 SCHOLARSHIP FUND
YORK COLLEGE CLASS OF 1990 SCHOLARSHIP FUND
YORK COLLEGE CLASS OF 1991 SCHOLARSHIP FUND

YORK CONTAINER CORPORATION SCHOLARSHIP FUND
YORK COUNTY ACADEMY ENDOWMENT FUND
YORK CO. AGRICULTURAL SOCIETY
YORK CO. MEDICAL SOCIETY AUXILIARY
YORK DAILY RECORD SCHOLARSHIP FUND
YORK FEDERAL SAVINGS & LOAN ASSOCIATION SCHOLARSHIP FUND
YORK STEEL COMPANY SCHOLARSHIP FUND
YORK WATER COMPANY SCHOLARSHIP FUND

LOANS

Perkins Loan (Formerly National Direct Student Loan)

York College of Pennsylvania approves and collects these loans. This program provides loans of up to \$3000 per year with a limit of a \$15,000 aggregate for the pre-baccalaureate years. Repayment begins 9 months after the termination of the student's education. The interest rate is 5%. The loan may be deferred while the student is enrolled at least half-time in post-graduate study, or serving in the Peace Corps or as a Volunteer in Service to America (VISTA). There are cancellations available for military, volunteer service, law enforcement, medical, Family Service and teaching.

Nursing Loan

This loan is available to all full-time majors in the nursing program. The interest rate is 6%. Repayment begins 9 months after termination of the student's education.

Koppers Company Loans

Loans of up to \$500 per year, to an accumulated total of \$2,000. Repayment to begin 9 months after termination of studies at York College at an interest rate of 3%. Open to persons matriculated to any undergraduate program.

Stafford Loan (formerly Guaranteed Student Loan)

This loan is obtained from private lending institutions such as banks and credit unions and is administered in conjunction with the state and Federal governments. Loans up to \$2625 are available for freshmen, \$3500 for sophomores, \$5500 for juniors and seniors. Repayment is not required until 6 months after termination of at least half-time enrollment.

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Bank Plan

Arrangements may be made with The York Bank and Trust Company, York, PA, for an insured loan which permits the payment of tuition in either three or four equal installments.

Further information and application for a bank loan may be secured from the Business Office.

DEFERRED PAYMENT PLANS

Information regarding the payment plans mentioned below will be mailed directly to students from the agencies listed or from YCP.

Academic Management Services (AMS)

A plan in which you can enroll at any time that enables parents and students to pay for school expenses

on a monthly basis without interest or finance charges. Participation is on an annual basis at a cost of \$50 and includes Life Benefit Coverage. Only charges paid directly to the College may be budgeted under this Plan. Literature is mailed prior to May.

Higher Education Services, Inc. (HES)

An installment Payment Plan administered by Higher Education Services, Inc. (HES), Harrisburg, PA, enables parents and students to make regularly scheduled installment payments and allows them to budget college costs. Free Life Benefit Coverage is provided. All or a portion of tuition, room, board and fees are paid in ten (10) regularly scheduled payments without interest or carrying charges. The annual cost is \$45. Literature is mailed prior to May.

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York College of Pennsylvania

Academic Policies

GENERAL EDUCATION (CORE) REQUIREMENTS

York College of Pennsylvania has a core curriculum (general education courses) which is an integral part of all baccalaureate majors. The purpose of these general requirements can be stated in the following manner.

Through a well-defined introduction to the arts, humanities, and sciences, the general education curriculum should:

- develop students' abilities to communicate effectively
- develop students' abilities to think critically
- develop students' working knowledge of mathematical methods
- help students understand the relationships among and the historical perspectives of the various fields of knowledge
- foster creativity
- encourage life-long learning.

Students should emerge from this educational experience:

- aware of the roles of science and technology in their lives
- appreciating and enjoying the arts
- understanding their own and others' behavior, social environment, and cultural heritage
- conscious of the complexity involved in making ethical judgments
- able to make informed decisions
- valuing physical well-being
- sensitive to the role of the public sector and aware of their responsibilities and obligations as citizens.

Because students' perceptions and understanding mature during the educational process, general education courses should be taken throughout the college experience.

GENERAL POLICIES

Attendance Policies

Most educators feel that attendance at all meetings of scheduled classes is a worthwhile activity. Class attendance policy at York College of Pennsylvania is at

the discretion of the instructor. The class will be informed in writing within the syllabus whether attendance is used as a criterion in evaluating student performance. The student is responsible for all work of the course unless specifically exempted by the instructor. It is recognized that some absences may be necessary or unavoidable. The student should inform the instructor of the reason for the absence and make up any work which is missed. The responsibility for initiating action to make up work missed in the classroom rests with the student.

Major/Minor—Declaration or Change

Students who wish to change their major should fill out a Change in Student Record form which is available in the Registrar's Office. An appropriate advisor will be assigned immediately by the Registrar.

Should a student wish to major in a second field he or she may do so. This fact will be noted on the transcript. While only one baccalaureate degree may be received from York College of Pennsylvania, more than one major may be completed and designated on the transcript.

Declaration of a minor will be made on the application for the Baccalaureate degree. This information must be completed during the last semester on campus.

Repeated Courses

Any student who has taken a course at York College will be permitted to repeat this course. While both grades will appear on the student's permanent record, the quality points earned on the basis of the higher grade will be used in the computation of the cumulative grade point average.

Since grades and quality points are not transferred from other institutions, a course which is repeated at another institution will have no influence whatsoever on the cumulative grade point average earned at York College of Pennsylvania.

Awarding of a Second Degree

A student holding an Associate or Baccalaureate Degree from another accredited college may pursue courses at York College leading toward a second de-

Academic Policies

gree (either Associate or Baccalaureate) provided that the following conditions are met:

1. The candidate must meet the departmental requirements established for the major as published in the College Catalog. The Department Chair will review the student's academic record and indicate the additional courses that will be necessary to complete the degree requirements.
2. The candidate must complete a minimum of the last thirty semester credit hours of the major at York College.

Courses Taken at Other Institutions

Students desiring to pursue summer work or additional work at another institution must secure written permission prior to beginning the work in order to have the credits transferred back to York College. Forms to obtain such permission are available in the Records office.

The grade earned must be a "C" or better for transfer. Credit hours for courses taken at other institutions may be transferred but grades and quality points do not transfer and the credits earned will be added to the "other credits" in determining the number of credits completed. Students are reminded that they must complete the last 30 credit hours of their program at York College to be eligible for a degree.

Since grades and quality points are not transferred they will not have any impact on a student's grade point average. Because of this, courses cannot be repeated at another institution.

Physical Education Exemption Policy

Physical education credits are an integral part of the requirements for obtaining a degree at York College of Pennsylvania. Four physical education skills credits are required for the baccalaureate degree, and two physical education skills credits are required for the associate degree.

A student may petition for exemption from this requirement for the reasons of age, obtaining an associate degree from another institution, medical disability, full time active duty in the military service, or part-time student status. Details concerning any of the above may also be obtained from the Registrar's office.

Graduation

Each student who hopes to receive a degree must make application for the degree during the final semester on campus. To apply for graduation, students must complete an application form within the first three weeks of classes at the Records Office, lower level-Administration Building. The \$30 graduation fee

must be paid to the Business Office prior to submitting the completed application. The graduate's cap, gown and hood must be purchased directly from the Bookstore.

In order to participate in a commencement ceremony a student must be enrolled in adequate hours during the final semester, the successful completion of which will enable the student to meet all degree requirements. The only exception to this is that a student may enroll for a course for the mini-mester in order to complete the above. Those completing graduation requirements during other summer sessions will be part of the August completion date and may participate in the December commencement ceremonies.

A late application will result in an additional fee and cause a significant delay in receipt of the diploma. It is imperative that application for a degree be made by the deadline published each semester.

Examinations

Examinations during a semester vary in number according to the instructor. The final examinations, held during a special Final Examination Week, are generally designed to cover all the material discussed in the courses. Students found guilty of academic dishonesty will receive a grade of "0" and may be suspended from the college. Students are expected to have completed all of the examinations offered in the course before credit can be received.

OFFICE OF CONTINUING STUDIES

York College offers a full spectrum of credit courses in the evenings, on Saturday and throughout the summer for students of all ages. Such courses are available to students who want to work toward a degree, either Associate or Baccalaureate, or who desire continuing education for cultural or vocational reasons.



Academic Policies

With approval of the Director of Continuing Studies a student may attend on a full-time basis.

The courses offered are all selected from the college catalog. Over half are taught by full-time faculty members. The schedule of offerings is based on surveys taken among students and in the community and is designed to address the educational needs of the Central Pennsylvania community of college age youth, adults in business, education, and industry, and those wishing to broaden their interests in life through education.

Evening Courses

Evening courses are offered throughout the week and on Saturday to serve adults who wish to earn degrees or increase their vocational skills. These classes meet one time a week for three hours. Classes are held on the college campus on Country Club Road, at industry locations when requested, the Shrewsbury Center and in Hanover at the senior high school.

Students may earn college credit for these courses. The requirement for admission is a high school diploma or an equivalent G.E.D. As a rule, evening session students enroll for a maximum of two courses. All part-time students must apply for matriculated status when 24 credit hours of coursework have been completed. A minimum 2.0 grade point average is required for matriculation.

All college services are available for evening students including parking, admission to all home athletic contests, concerts, lectures and certain films, library services, scheduled advising by faculty and the use of the Student Union.

The Twilight Learning Program

The Office of Continuing Studies has recently developed a new program designed for the working man or woman entitled The Twilight Learning Program. This program offers late afternoon and early evening classes so that working adults can enroll in courses immediately after work. Rather than leaving the job, driving home and meeting their many home and family responsibilities and then having to drive back to campus for an evening class, these individuals can now attend classes on their way home from work. In scheduling these courses, the college has attempted to provide for those individuals working a regular 7:30 a.m. to 3:30 p.m. day shift as well as those clerical and administrative employees who finish their workday at 5:00 p.m. The Twilight Learning Program offers two late afternoon class times and two early evening times in addition to the regular evening sessions.

This program also facilitates the academic programs of individuals already enrolled in the evening program. These students are now able to enroll in their

courses in two evenings, rather than having to allocate another night per week to attend a third class. These students will now be able to enroll in a 5:25 p.m. Twilight Learning class, have time for a snack on campus and remain for their evening class.

Hanover Center Evening Program

York College offers a wide variety of credit courses in Hanover, at the Hanover Senior High School. Courses are offered during the Fall and Spring semesters as well as during the summer. Courses meet from 7 p.m. to 10 p.m. on Tuesday, Wednesday or Thursday evenings during the Fall and Spring semesters. During the summer, courses are conducted from 7 p.m. to 10 p.m. on two evenings a week either Monday and Wednesday or Tuesday and Thursday for seven weeks.

The Shrewsbury Center

In the fall of 1990, York College established its Shrewsbury Center. The York College Shrewsbury Center is located in the Forest Avenue Professional Center on Forest Avenue (Route 851), a quarter of a mile west of I-83. A wide variety of courses are offered at The Shrewsbury Center during the fall, spring and summer semesters. During the fall and spring semesters, courses are offered from 7:00 until 10:00 p.m. one evening per week, on Monday, Tuesday, Wednesday and Thursday evenings and from 5:25 to 6:55 p.m. two evenings per week either on Monday and Wednesday or Tuesday and Thursday. In addition, courses are also conducted on Saturday mornings from 9:00 a.m. until 12:00 Noon. The summer session at Shrewsbury is a seven-week session beginning the first week in June and continuing until the third week in July. The class schedule for the Shrewsbury Center is published every semester in the Continuing Studies Handbook.

Summer Sessions

Classes are offered for thirteen weeks throughout the summer, divided into three sessions which include a three-week and two five-week sessions. These classes are held during the day or in the evening. The summer classes are given for the following reasons:

1. Provide an opportunity for students to make up work in courses for which their performance fell below acceptable standards.
2. Assist continuing students who desire to accelerate their program toward early graduation without the pressure of a full-day schedule.
3. Accommodate students in good standing at other colleges who desire to obtain credits for transfer to their own institutions.

Academic Policies

4. Provide an opportunity for high school graduates who wish to enroll in college courses before beginning their first semester in September.
5. Facilitate the program of part-time matriculated students who wish to further their program through summer study.
6. Enable those high school students who have completed their junior year and who are recommended by their high school principal or high school guidance counselor to begin college studies.

All college services are available to summer students; including parking, library services, scheduled summer activities using the gymnasium and swimming pool, dormitory accommodations, advising and counseling services and the use of the Student Union.

Summer courses are of the same quality and number of class hours as those in the academic year, and most are taught by full-time faculty members. Students enrolled in a summer session will take a maximum of six credit hours for each five-week session. Under special conditions, a student may enroll for a maximum of seven credit hours, depending upon their academic competence and/or the advice of their advisor and approval of the Director of Continuing Studies.

Brochures are provided for both the Evening and Summer Session. They may be obtained by either writing or calling the:

Director of Continuing Studies
York College of Pennsylvania
York, Pennsylvania 17405-7199
Phone: 846-7788, Ext. 229

The Glatfelter Telecommunications Center

The Glatfelter Telecommunications Center, located on the third floor of the Business Administration Cen-

ter, is a state-of-the-art telecommunications transmission and reception facility which is used for academic courses as well as non-credit workshops and seminars. The Glatfelter Center is the hub of two telecommunications networks, linking York to the communities of Hershey, Harrisburg, Lancaster, Reading and Allentown-Bethlehem. In addition, the Center provides a valuable resource in supplementing the college's academic program as well as providing unique training and development opportunities for the greater York community.

Baccalaureate Degree Completion Program in Nursing via Telecommunications

Since the nursing program was established in 1978, the Department of Nursing at York College has been committed to facilitating the opportunity for RNs to complete a BS with a major in nursing. Following initial accreditation by The National League for Nursing in the spring of 1982, a program of advanced placement was begun to facilitate the progress of RNs who wished to obtain the baccalaureate degree. Since that time, many RNs have completed the program and graduated. The programs for RNs offers flexibility, opportunity to earn nursing credit by exam, acceptance of transfer courses earned prior to admissions, and opportunity to earn credit through CLEP, NLN, and ACT PEP examinations.

Telecommunication courses in nursing offer the RN the additional advantage of avoiding extensive travel while attending school. The combination of telecommunications courses, credit by examination, and clinicals offered in the student's geographic area, creates a highly flexible avenue for busy professionals to earn a degree in their field of expertise.

Job-Link

Job-Link is a state and federally funded educational and employment training program that works to develop a partnership between local educational institutions and business and industry to prepare disadvantaged adults for work-ready employment. The program involves a basic skills phase, a hands-on segment, and finally, on-the-job training.

Child Care Services for Adult Learners

Child care services are now available for the children of York College adult learners at St. Paul's Lutheran Church Child Care Center, located on the corner of West Springettsbury Avenue and South George



Academic Policies

Street. The Center is open Monday through Friday. For more information regarding these child care services, please contact the Center Director at 843-6050.

ADVISING, SCHEDULING, AND REGISTRATION

Academic Advising

All matriculated students are assigned a faculty advisor in their major at the time they matriculate (are admitted to the College as a degree candidate). The advisor plays a very important role in the student's academic career including assistance with course selection and ultimately certification for graduation. If a student wants to change majors and/or advisors, the Registrar's Office should be contacted.

Scheduling

A schedule of classes for each semester is provided along with a rotation timetable for scheduling. A schedule of course selections signed by the student's assigned Academic Advisor is taken to the Registrar's Office for enrollment in the official records of the College.

All newly admitted students are invited to an Orientation program in late spring. At this time, they meet with a Faculty Advisor to schedule classes and receive an overview of College procedures. New students who cannot attend the Orientation may make an individual appointment with the Registrar during the summer.

Students who schedule classes after the first day of classes will be assessed a \$25 late scheduling fee.

Registration

There is no formal separate student registration procedure. Students who schedule classes and pay their tuition bills prior to the Business Office payment deadline will be automatically registered for the semester and placed on instructors' class rosters. If the bill is not paid in full by the payment deadline, the student will be withdrawn from their classes and will not be listed on any class rosters.

Adding and Dropping a Course

Courses may only be added during the first week of the semester.

If a student wishes to add a course beyond the normal load, he or she must have the permission of the Registrar. The change is made through the Registrar's Office which is located in the east end of the Administration Building.

Anyone who is enrolled for more than 18 credits as of the last day to add a class will be billed for those additional credits whether or not the student drops below 19 credits at a future time during the semester. The withdrawal will have no bearing on the financial obligation.

Withdrawal from Classes

The last date for dropping a course is the seventh (7th) Friday of the academic semester. (See Adding and Dropping a Course, above.) To drop a course, the student must fill out a Change in Student Record form, discuss the matter with the advisor and/or professor, secure the instructor's signature, pay the Drop/Add fee and return the form to the Records Office. Failure to attend class or merely giving notice to instructor will not be considered an official withdrawal.

Advanced Placement

Advanced placement and college credit may be granted to entering students who perform satisfactorily on the College Board Advanced Placement Examinations, or the Achievement Test of the College Entrance Examination Board or the College Level Examination Program, American College Testing/PEP examination, or other proficiency tests that have been approved by the Dean of Academic Affairs and the chair of the department in which advanced placement is sought. Similarly, a student who has matriculated and based on previous experience, training, and background believes that he or she has sufficient knowledge to pass a course by examination shall, upon petition to the appropriate department chair, be given a suitable examination for the course desired.

The following regulations apply to students who earn credit and/or advanced standing:

1. The department chair or the student may initiate procedures resulting in credit or advanced standing for a course.
2. College credit will be granted to entering freshmen who earn scores of 3, 4, or 5 on the individual subject tests of the College Board Advanced Placement Examinations.
3. Credit will be granted on single subject examinations of the College Level Examination Program on the basis of the recommended scores published by the College Board. Up to thirty (30) credit hours may be granted for satisfactory scores on the General Examination of the College Level Examination Program. No more than six (6) credits shall be granted for any one of the five tests in the battery. To obtain credit the student must score above the 40th percentile in each test.

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4. Courses for which credit and/or advanced placement has been granted will be noted on the permanent record and will represent credit for, or a waiver of, a specific course, whichever is appropriate.
5. The maximum number of credits which any one person may earn by advanced placement and/or credit by examination is 60. CLEP examinations may not be scheduled within the final 30 credit residency period.
6. The department chair and Dean of Academic Affairs will determine what is a satisfactory score on performance tests used by the College other than the College Board Advanced Placement Examinations, College Level Examination Program, and the American College Testing/PEP examinations.

Credit by Examination

Matriculated students may challenge a course by successfully completing an examination which tests mastery of the learning outcomes of a given course. Credit is awarded for successful completion of the examination.

1. All applications for examination should be made in writing to the appropriate department chair on forms available in the Registrar's Office.
2. A student may not challenge any course required for graduation during the last semester.
3. Credit earned in a course taken by examination, 2 level ("C") work or better, shall be recorded together with quality points on the permanent record.
4. The maximum number of credits which any one person may earn by credit by examination and/or advanced placement is 60.
5. Examinations shall be prepared at the direction of the Dean of Academic Affairs in conjunction with the department chair or appropriate instructor or instructors and are normally not less than three hours in length.

Independent Study

The Independent Study Program affords an opportunity for students who wish to undertake well-defined research projects. Projects are conducted under the guidance of a faculty member of the student's choice in an independent manner, that is, without regular class meetings. Effective independent study is characterized by a reduction in formal instruction and an increase in the individual student's responsibility and initiative in the learning process. A student who wishes to elect an independent study course and who meets the requirements is instructed to complete, with their proposed faculty supervisor, an application form that describes precisely the nature of the project.

Internships

A number of academic departments have developed a variety of off-campus internship programs. These programs permit students to spend approximately ten hours per week as an employee/volunteer in a company, social service center, or law enforcement agency. Time is spent on campus analyzing, sharing and relating the practical to the theoretical. A faculty member from the appropriate department supervises the student involved in each internship.

Internships are available to students who have earned 60 of more undergraduate credits and accumulated a 2.5 or higher grade point average. Approval from the department chair and the Dean of Academic Affairs must also be obtained.

Normal Credit Load

While the regular full tuition permits a student to carry up to 18 credit hours each semester most students will carry a 15-hour load plus physical education.

Overload

Certain students may wish to carry more than 18 credits during a particular semester. This should be discussed with the academic advisor and requires approval from the Dean of Academic Affairs. There is an additional fee for each credit beyond 18. This fee applies for any academic credits, such as laboratories and physical education.

Anyone who is enrolled for more than 18 credits as of the last day to add a class will be billed for those additional credits whether or not the student drops below 19 credits at a future time during the semester. The withdrawal will have no bearing on the financial obligation.

Pass-Fail

York College students may take designated courses on a pass-fail basis. Those courses which are offered with this as a possibility will be indicated in the course booklet which is prepared each semester. Students may take up to two courses per academic year with a maximum of eight such courses in a student's undergraduate program. Students may not take courses which are required in their major field on a pass-fail basis.

WRITING CENTER

As a service to all full-time and part-time students, York College provides a Writing Center. During the Fall and Spring semesters, students may sign up for private consultations on a particular assignment or

Academic Policies

problem, and receive help from the experienced tutorial staff. Faculty from all disciplines may refer students to the Center for help, or students may go to the Center without being referred and receive assistance before they submit an assignment.

GRADES AND GRADING

Absence from Examinations

Students are expected to have completed all examinations offered in each course. A fee of \$10 may be charged for examinations given outside the final examination schedule.

If a student misses an examination, it is his or her responsibility to arrange with the instructor for a make-up examination.

Academic Dishonesty

Academic dishonesty will not be tolerated. If a faculty member observes academic dishonesty, the student involved will receive a grade of "F" or "0" in the course and a brief written report will be forwarded to the Academic Dean through the department chair. A copy of this report along with a statement of the consequences of this behavior will be sent to the student concerned. In cases in which a student receives a second dishonesty report, the student will be suspended from the College. The Dean shall inform the Academic Standards Committee of any such action. The student may appeal such a suspension through the normal appeals procedure.

Academic Standards Committee

The Academic Standards Committee of the College is responsible for making recommendations regarding matters of an academic nature, including criteria for admission, probation and suspension of students, and a review of cases which cannot be properly handled by fixed rules. The committee may make recommendations concerning disciplinary action when academic matters are involved, if requested to do so by the Dean of Academic Affairs.

Grading System

The grading system at York College has a range of 4.0 to 0 grouped as follows:

Grade Description

- 4 Excellent
- 3 Good
- 2 Average
- 1 Passing (minimum)
- 0 Failing Course

I Incomplete (see "Incomplete Work" concerning eligibility and deadline.)

P-F Designated courses will receive the grade of "P" or "F". Credit hours in a course receiving a "P" (Passed) will be noted under credits passed and will count toward graduation. These courses will not carry Quality Points.

Au Audit—no credit

W Withdrew from course or college "until the seventh Friday of the Fall and Spring semester."

Auditors

Students or members of the community who wish to audit a class will be accommodated after full-time students have enrolled for the various classes by paying a nominal fee, as shown in the Tuition and Fees section. The regulations affecting auditors are these: no attendance is taken; no assignments are made or papers corrected; no examinations are taken, and no credits are given.

Changes from credit to audit or vice versa are not permitted after the third class session.

Laboratory or skill courses must be taken for credit.

The Grade Point Average

The grade point average is computed by multiplying the hours of credits in a course by the grade earned for all courses completed and dividing the total number of points by the total number of credit hours completed.

Example: A student carrying 16 credit hours and receiving for his first term's work the following grades would have a grade point average of 2.5.

Course	Credits/Grade	Quality Points
1st course	$3 \times 1 =$	3
2nd course	$3 \times 4 =$	12
3rd course	$3 \times 2 =$	6
4th course	$3 \times 2 =$	6
5th course	$3 \times 3 =$	9
Physical Education	$\frac{1}{16} \times 4 =$	$\frac{4}{40}$

$$\text{Grade Point Average} = \frac{40 \text{ Quality Points}}{16 \text{ Credits}} = 2.5 \text{ G.P.A.}$$

Records

A record of a student's academic progress is maintained by the Director of Records. Faculty advisors, counselors, and Department Chairs utilize the Records Office when assisting students.

Students may consult the Records Office on matters relating to their academic progress and when requesting transcripts. The College maintains centralized

Academic Policies

records and they are confidential. Transcripts are not sent unless the student has met all financial obligations at York College, and has presented written consent to the Records Office. Except for the first transcript, students are charged \$3.00 for each request.

Honors

At the end of each semester, the Dean of Academic Affairs will publish a list of students carrying at least twelve academic credit hours whose semester grades average 3.5 or better.

Students will be eligible for graduation honors based upon their academic college record (this would include the previous record of transfer students). The transfer student would be eligible, but must have completed a minimum of 60 credit hours of academic work at York College. The honors will be awarded on the basis of the cumulative grade point average of all York College and previously completed college work.

1. Summa Cum Laude—Graduates attaining a 3.9 or higher;
2. Magna Cum Laude — Graduates attaining a 3.6 or higher;
3. Cum Laude — Graduates attaining a 3.3 or higher.

Incomplete Work

A student may receive an "incomplete" for a course when illness, family tragedy or similar difficulty makes it impossible for him or her to complete the requirements of the course. A written request for an "Incomplete" must be submitted through the instructor to the department chair prior to the end of the course. This work must be completed within two calendar months from the time the incomplete grade was given or the student will automatically receive a grade of "0".

The student has the responsibility to contact the instructor and make arrangements to complete the work.

Probation and Suspension

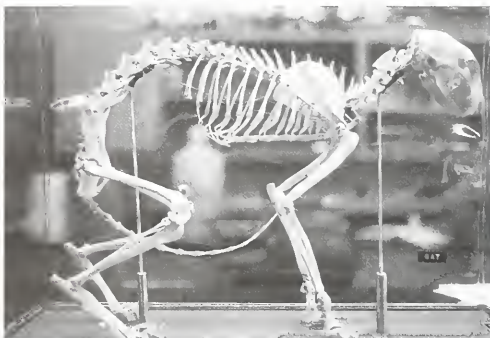
A student's academic work will be considered unsatisfactory whenever their cumulative quality point average falls below 2.00. The academic records of all such students will be examined by the Dean of Academic Affairs at the conclusion of each semester to determine whether students in academic difficulty should be allowed to continue on a probationary basis or be suspended from full-time study for the subsequent semester. Students who are suspended for academic reasons and who desire to submit extenuating circumstances for consideration, may appeal in writing to the Academic Standards Committee for their recommendation. The following criteria are suggested as guidelines for the Dean of Academic Affairs' action:

1. A student who has attempted 12 hours and whose cumulative average is below 1.6 will be placed on academic probation.
2. A student who has attempted at least 24 hours and whose cumulative average is below 1.7 will be placed on probation or may be suspended if previously on probation.
3. A student who has attempted at least 36 hours and whose cumulative average is below 1.85 will be placed on probation or may be suspended if previously on probation.
4. A student who has attempted 48 hours or more will be placed on probation if they fail to obtain a cumulative average of 2.0 and may be subject to suspension if previously on probation.
5. Any student whose cumulative average falls below 1.2 or receives below a 0.5 for the previous semester may be suspended.

Students on probation shall not take more than 13 credit hours per semester.

Students academically suspended for the first time who desire readmission to the College as full-time students may apply after they have taken at least six credits of coursework at YCP or any other accredited institution, and have earned at least a "C" in each course taken. These students will be admitted on continued probation and have two semesters to raise their cumulative average above suspension standards. Students who cannot meet these conditions because of extenuating circumstances and who want to return to college full-time may appeal in writing to the Academic Standards Committee for readmission consideration. Appeals are heard twice a year in Mid-January and Mid-June.

A student who is academically suspended for the second time will be prohibited from taking any courses at York College of Pennsylvania for at least one year.



Academic Policies

Probation and Suspension— Part-time Students

The grade-point standards which currently apply to full-time students will apply to all part-time students.

Part-time students not in compliance with the G.P.A. standards established for full-time students, for two consecutive semesters will not be permitted to enroll in any class for one academic semester.

Part-time students placed on suspension or probation may appeal their status to the Academic Standards Committee during its semi-annual appeals hearings.

Reinstatement

Students suspended for academic reasons who desire readmission should petition the Admissions Office for conditions under which they may be readmitted.

Transfer

Any student who has been admitted to York College by transfer of college credits from any other collegiate institution while on probation or academic suspension will be subject to the same standards for scholarship stated in the previous section of Probation and Suspension.

Students desiring to pursue summer work at another institution must secure written permission prior to beginning the work in order to have the credits transferred back to York College. Also see "Courses Taken at Other Institutions."

Notice of Unsatisfactory Work

Not later than the middle of the semester, each student whose work in any course is unsatisfactory may receive a written notice to that effect, with a copy of such notice sent to the person(s) responsible for the student's account, typically parents. Unsatisfactory work is defined as that which warrants a grade of less than "2". The student should then report to the instructor and advisor for guidance in improving grades.

Any student who is at least 21 years of age, married, self-supporting, or a veteran may request that warning grades not be sent to parents.

Withdrawal from College

To withdraw from the College before the end of the semester, a student must apply for withdrawal in the office of the Dean of Student Affairs by the seventh (7th) Friday of the academic semester. A student who ceases attending classes without completing their formal withdrawal receives grades of "0" in all courses for which they are registered, and remains responsible for any financial obligations contracted.

When a student withdraws before the end of the term, or is suspended or expelled, no refund will be made.

Part-time students should note that withdrawal during or after the first class meeting will not eliminate the obligation to pay any remaining balance.

Programs of Study



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Accounting / Art

Behavioral Science / Biology / Chemistry / Criminal Justice

Economics and Finance / Elementary Education / Secondary Education / Business Education

Engineering Management / English

Health Record Administration / History / Humanities

Information Systems / Latin American Studies/ Long-Term Care Administration

Management (Human Resource, Operations, Banking & Financial)

Marketing (Consumer Products Marketing, Business Marketing & Retailing)

Mathematics / Medical Technology / Music / Nuclear Medicine Technology / Nursing

Office Administration / Physical Science

Political Science (Government, International Studies & Public Administration) / Psychology

Recreation and Leisure Administration

Respiratory Therapy / Sociology / Speech Communication (Radio & Television)

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Art / Biology / Business Administration / Chemistry / Computer Programming

Criminal Justice / Engineering / General Studies / Language

Mathematics / Music / Philosophy / Physics

Political Science / Radio-Television / Respiratory Therapy / Retailing

Secretarial (Executive / Legal / Medical)



York College of Pennsylvania

Programs of Study

ACADEMIC MAJORS

Leading to the Master's Degree

Master of Business Administration

Master of Science in Human Organization Science or
Nursing—in affiliation with Villanova University

*Please consult respective
department chairperson for details*

Leading to the Baccalaureate Degree

Accounting

Art

Behavioral Sciences

Biology

Pre-Professional

Biotechnology

Field Track

Marine Track

Chemistry

Criminal Justice:

Law Enforcement

Corrections

Security

Economics and Finance

Education:

Elementary Education

Secondary Education

Biology

Business Education

Accounting - Data Processing - Marketing

Office Technology - Secretarial

Communication

English

General Science

Mathematics

Social Studies

Engineering Management

English

Health Record Administration

History

Humanities

Information Systems

Latin American Studies

Long-Term Care Administration

Management:

Human Resource Management

Operations Management

Banking & Financial Management

Marketing:

Consumer Products Marketing

Business Marketing

Retailing

Mathematics

Medical Technology

Music

Nuclear Medicine Technology

Nursing

Office Administration

Physical Science

Chemistry

Chemistry - Premed Option

Earth & Space/Geographical Sciences

Forensic Science/Criminalistics

Mathematics

Physics

Political Science:

Government

International Studies

Public Administration

Psychology

Recreation and Leisure Administration

Respiratory Therapy

Sociology

Speech Communication

Radio and Television

Speech

Leading to the Associate Degree

Art

Biology

Business Administration

Chemistry

Computer Programming

Criminal Justice:

Law Enforcement

Criminalistics

Corrections

Security

Engineering

General Studies

Languages

Mathematics

Programs of Study

Music
Philosophy
Physics
Political Science
Radio-Television
Respiratory Therapy
Retailing
Secretarial Specialist:
 Executive
 Legal
 Medical

The programs at York College are organized for academic and administrative purposes into the following nine departments: Behavioral Sciences, Biological Sciences, Business Administration, Education, English and Humanities, History and Political Science, Music, Art and Speech Communication, Nursing, and Physical Sciences.

ACADEMIC MINORS

The academic departments have developed a number of programs leading to an academic minor. Such a minor, when completed, will be designated on the student's permanent record. A minor consisting of 15 to 21 credit hours may be obtained in the areas listed below. Details should be obtained from the Department Chair, Registrar's Office, or the Academic Advisor.

Accounting
American History
Anthropology
Art
Banking and Finance
Biology
Chemistry
Corrections
Criminalistics
Economics
English
Geography
Gerontology
Government
Human Resource Management
Information Systems
Languages
Management
Marketing
Mathematics
Music
Peace Studies
Philosophy and Religion
Physics
Psychology
Public Administration
Public Relations

Retailing
Secretarial Studies
Security
Sociology
Speech Communication
Theatre
World History

CERTIFICATE PROGRAMS

Some academic departments have developed certificate programs. Details should be obtained from the Department Chair.

Early Childhood Education
Respiratory Therapy

THE BACCALAUREATE DEGREE

General Requirements

General requirements and recommended curricula for each of the degree programs are shown on the following pages. Students should meet with their faculty advisers as soon as possible after entering College in order to plan a program that will meet the general graduation requirements, the specific requirements for the major and to select appropriate electives. Some modifications of the general requirements apply to programs that include advanced placement and those designed for special purposes such as professional certification. The degree requirements binding on the student are those in effect as of the date a student first takes a course after officially declaring a major (matriculation into that major). These requirements are listed on the program checksheet.

Graduation Requirements

At the beginning of the semester in which the student hopes to complete all degree requirements it is necessary to submit an application for the degree. This application should be obtained from and returned to the Records Office during the first three weeks of the semester.

Students who meet the following requirements for graduation will be eligible to receive the Bachelor of Arts or the Bachelor of Science Degree, depending upon the curriculum completed:

1. Have successfully completed at least 120 credit hours (plus 4 Physical Education credits). The last 30 of these must be earned at York College.
2. Have a cumulative grade point average of at least 2.0. Certain majors require a higher G.P.A.
3. Have a satisfactory record of behavior.
4. Have earned a 2.0 or better in designated courses as specified by the department for a given major.
5. Have satisfied curriculum requirements as follows:

Programs of Study

A. General Education Requirements: Semester Courses

(1) Communication Skills 3

English Composition (2)

All students must receive a grade of "2" or better in E101 before they are permitted to enroll in E102.

York College students are required to complete the Freshman Composition Program (E101 and E102) within the first forty-five credits or be continuously enrolled in the composition courses until this requirement is met.

Speech (1)

(2) Mathematics 2

(3) Laboratory Science 2

(4) Humanities, Behavioral and Social Sciences: 7

Minimum three semester courses chosen from at least 2 subjects in each area:

Behavioral and Social Sciences:

Anthropology
Psychology
Sociology
Economics
Geography
History
Political Science

Humanities:

Art
Literature
Music
Philosophy
Religion
Theatre Arts

(5) Foreign Culture 4

Each student in all baccalaureate programs must satisfy a core requirement of 12 semester hours in the foreign culture/language area. This may be fulfilled by any combination of foreign language, intercultural studies and certain history courses. This core requirement may also be satisfied by demonstrating language competency through the intermediate level.

The following courses may be used to fulfill the 12-hour requirement in this area:

L117-L118 Elem Italian I-II
L101-L102 Elem Greek I-II
L112-L113 Elem Modern Greek I-II
L201-L202 Inter Greek I-II
L103-L104 Elem Latin I-II
L107-L108 Elem Hebrew I-II
L109-L110 Mod Conv Chinese I-II

L115-L116 Elem Polish I-II
L121-L122 Elem French I-II
L221-L222 Inter French I-II
L130-L131 Conver French I-II
L321-L322 French Literature I-II
L151-L152 Elem German I-II
L251-L252 Inter German I-II
L160-L161 Conver German I-II
L351-L352 German Literature I-II
L353 Adv German Conv/Culture
L171-L172 Elem Russian I-II
L271-L272 Inter Russian I-II
L181-L182 Elem Spanish I-II
L281-L282 Inter Spanish I-II
L187 Spanish/Health Field
L190-L191 Conver Spanish I-II
L284 Inter Spanish Conver
L285 Rdg Strategies/Spanish
L380 Adv Oral/Writ Spanish
L381-L382 Spanish Literature I-II
L387 Spanish Civilization
L111 Intro Indo/Eur Lang
G350 Survey of Canada
H121-H122 Hist West Civ I-II
H225 Medieval Civilization
H226 Hist Renaissance/Reform
H227-H228 Hist Latin Amer I-II
H250 Amer/East Asian Rel
H303 History of Africa
H330 20th Century Russia and C.I.S.
H332 Hist Eastern and Central Europe
H411 Eur Intellectual Hist
X143 Intro Africa
X144 Intro East Asia
X145 Intro Latin America
X146 Intro Middle East
X147 Intro Russia/E Europe
X150 Intro South Asia
PS243 Govt/Pol Africa
PS244 Govt/Pol East Asia
PS245 Govt/Pol Latin America
PS246 Govt/Pol Middle East
PS247 Govt/Pol Russia and C.I.S.
PS250 Govt/Pol South Asia

Special experimental courses as well as other foreign languages may also satisfy this core requirement. Students whose native land is not the United States, or those individuals who have had extensive exposure in a foreign country, may have a portion of this requirement waived. The student should contact the Dean of Academic Affairs to obtain such a waiver.

(6) American Civilization I or II

Programs of Study

- B. The remaining credits to complete the program will be selected in the major area of study and as elective courses with the advice and consent of the chair or advisor of his major department.
- C. Four physical education credits. Physical Education skills courses may not be counted as part of the minimum 120 credit hours required for a baccalaureate degree.
6. Should a student wish to major in a second area he may do so and this fact will be noted on the transcript. While only one baccalaureate degree may be received from York College of Pennsylvania, more than one major may be completed and designated on the transcript.

* Most courses applied as Foreign Culture may not then be used to fulfill other General Education requirements set forth in 5.A. (4) above.

The Freshman Year

Most students enrolled in a baccalaureate degree program will take essentially the same courses during the first year. These subjects have been carefully chosen to provide a general educational background appropriate for continued progress in their sophomore, junior and senior years. See detailed programs on following pages for guidance in specific areas.

These are tentative programs.

BACCALAUREATE DEGREES

(Listed alphabetically)

ACCOUNTING

Bachelor of Science Degree

<i>Freshman Year</i>	<i>Credits</i>
Principles of Computer Information Systems	3
English Composition	6
Elementary Accounting	3
Foreign Culture	3
Mathematics (including Business Calculus)	6
Physical Education	2
Behavioral & Social Sciences Electives	6
Humanities Elective	<u>3</u>
	32

<i>Sophomore Year</i>	<i>Credits</i>
Elementary Accounting	3
Intermediate Accounting	3
Business Statistics	3
Physical Education	2
Principles of Economics	6
Laboratory Science	6
American Civilization	3
Speech	3
Principles of Management	<u>3</u>
	32

<i>Junior Year</i>	<i>Credits</i>
Accounting Elective	3
Business Law	6
Communication	3
Intermediate Accounting	6
Cost Accounting	3
Quantitative Elective	3
Foreign Culture	3
Humanities Elective	<u>3</u>
	30

<i>Senior Year</i>	<i>Credits</i>
Advanced Accounting	3
Business Electives	3
Business Policy	3
Electives	9
Humanities Electives	3
Accounting Elective	3
Foreign Culture	<u>6</u>
	30

ART

Bachelor of Arts Degree

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Behavioral and Social Sciences Electives	6
Mathematics	6
Drawing I and II	6
Art Appreciation	3
Music Appreciation	3
Physical Education	<u>2</u>
	32

<i>Sophomore Year</i>	<i>Credits</i>
Behavioral and Social Sciences Electives	6
Foreign Culture	6
Design I and II	6
Speech	3
History of Art I and II	6
Physical Education	<u>2</u>
	29

<i>Junior Year</i>	<i>Credits</i>
Foreign Culture	3
Laboratory Science	6-8
Sculpture I and II	6
Painting I and II	6
History of Art III	3
History of American Art	3
Composition or Commercial Art	<u>3</u>
	30-32

<i>Senior Year</i>	<i>Credits</i>
Foreign Culture	3
Humanities Electives	3

Programs of Study

Art Electives	12
Electives	10-12
American Civilization	<u>3</u>
	31-33

Students majoring in Art must complete 15 credits in Appreciation and History as follows: AI01, A203, A205, A301, A405, and 27 credits in studio courses as follows: A107, A108, A109, A207, A208, A216, A219, A317, A318.

Art majors must have 12 credits in elective art courses, which must include either: Drawing III and IV, Sculpture III and IV, or Painting III and IV.

BEHAVIORAL SCIENCE Bachelor of Science Degree

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Mathematics	6
Psychology-Sociology	6
Foreign Culture	6
Humanities or Social Science Electives	6
Physical Education	<u>2</u>
	32

<i>Sophomore Year</i>	<i>Credits</i>
Anthropology	3
Biology Electives	6
Foreign Culture	6
Data Analysis with SPSS	1
Social Science Electives	3
Statistics	3
Behavioral Science Elective	3
Physical Education	2
Elective	<u>5</u>
	32

<i>Junior Year</i>	<i>Credits</i>
Experimental Psychology or Research Methods	3
Behavioral Science Electives	6
Humanities Electives	3
Speech	3
Electives	<u>15</u>
	30

<i>Senior Year</i>	<i>Credits</i>
Behavioral Science Electives	9
Behavioral Science Seminar	3
Electives	15
American Civilization	<u>3</u>
	30

BIOLOGY Bachelor of Science Degree

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
General Chemistry	8

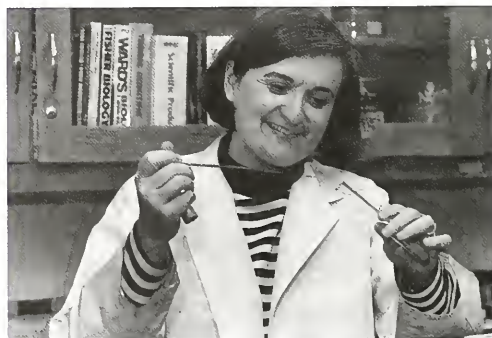
Principles of Biology-Zoology	8
College Mathematics or General Physics	8
Physical Education	<u>2</u>
	32

<i>Sophomore Year</i>	<i>Credits</i>
Biology Electives*	8
Organic Chemistry I, II (or Concepts Chem II and Biochem)	8
Statistics and General Elective or General Physics	8
Behavioral Science or Humanities Electives	<u>9</u>
	33

<i>Junior Year</i>	<i>Credits</i>
Foreign Culture	6
Behavioral and Social Sciences or Humanities Electives	6
Biology Electives*	12
American Civilization	3
Speech	3
Physical Education	<u>2</u>
	32

<i>Senior Year</i>	<i>Credits</i>
Foreign Culture	6
Biology Electives*	4
Area Elective	3
General Electives	13
Behavioral and Social Sciences or Humanities Electives	<u>6</u>
	32

All Majors are required to successfully complete College Math and College Algebra or Calculus I and II, General Physics, General Chemistry, or Concepts of Chemistry II plus Biochemistry and Statistics; or the



Programs of Study

equivalent. (Equivalence is based upon a departmental decision and/or standard tests.)

* A biology major must complete 35 hours in biology, to include 23 hours of core courses (Principles of Biology, Zoology, Botany, Genetics, Terrestrial or Aquatic Ecology, and Seminar in Biology) and 12 hours of electives. The latter should be determined in conference with Academic Advisors.

A "2" or better required in all required Biology, Physics, Chemistry, and Math.

Pre-professional, e.g., pre-medical, pre-dental, should consult schools to which they intend to apply to be certain all prerequisites are met. Also, note recommended courses needed to prepare for Med CATS.

CHEMISTRY

Bachelor of Science Degree—

<i>Freshman Year</i>	<i>Credits</i>
General Chemistry	8
Physics	8
Calculus	8
English Composition	6
Physical Education	<u>1</u>
	31

<i>Sophomore Year</i>	<i>Credits</i>
Organic Chemistry	8
Calculus	4
Statistics	3
Speech	3
Foreign Culture (Language Recommended)	6
Humanities Electives	3
American Civilization	3
Physical Education	<u>1</u>
	31

<i>Junior Year</i>	<i>Credits</i>
Physical Chemistry	8
Quantitative Analytical Chemistry	4
Instrumental Analytical Chemistry	4
Foreign Culture	6
Behavioral and Social Sciences Electives	9
Physical Education	<u>1</u>
	32

<i>Senior Year</i>	<i>Credits</i>
Inorganic Chemistry	3
Physical Sciences Seminar	3
Independent Study	3
Chemistry Elective	3
Free Electives	8
Behavioral and Social Sciences or Humanities Electives	9
Physical Education	<u>1</u>
	30

CRIMINAL JUSTICE

Bachelor of Science Degree— Law Enforcement Concentration

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Introduction to Sociology	3
Introduction to Criminal Justice System	3
Mathematics	6
Physical Education	2
General Psychology	3
Juvenile Delinquency	3
Electives	<u>6</u>
	32

<i>Sophomore Year</i>	<i>Credits</i>
Ethical Issues in Criminal Justice	3
Criminal Law	3
Laboratory Science	6-8
Criminal Investigation	3
Foreign Culture	6
Physical Education	2
Introduction to Speech	3
Elective	3
Police Operational Functions	<u>3</u>
	32-34

<i>Junior Year</i>	<i>Credits</i>
Criminology	3
Foreign Culture	6
Humanities Elective	3
State and Local Government, Research Methods or Statistics	3
Electives	6
American Civilization	3
Law of Criminal Procedure	<u>3</u>
	27

<i>Senior Year</i>	<i>Credits</i>
Humanities Electives	6
Technical Writing	3
Selected Topics in Criminal Justice	3
Criminal Justice Electives	9
General Electives	9
Criminal Justice Organization & Mgmt.	<u>3</u>
	33

CRIMINAL JUSTICE

Bachelor of Science Degree— Corrections Concentration

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Introduction to Sociology	3
Mathematics	6
General Psychology	3

Programs of Study

Laboratory Science	6-8
Introduction to Criminal Justice System	3
Physical Education	<u>2</u>
	29-31

<i>Sophomore Year</i>	<i>Credits</i>
Juvenile Delinquency	3
Technical Writing	3
Speech	3
Humanities Elective	9-12
Foreign Culture	6
American Government or Statistics	3
Physical Education	<u>2</u>
	29-32

<i>Junior Year</i>	<i>Credits</i>
Criminology	3
Community Corrections	3
Human Relations Techniques	3
State and Local Government, Research Methods or Statistics	3
Foreign Culture	6
Social Science Electives	3-6
Free Electives	6
Parole and Probation	<u>3</u>
	30-33

<i>Senior Year</i>	<i>Credits</i>
Institutional Corrections	3
Selected Topics in Criminal Justice	3
Behavioral Science Electives	12
Criminal Justice Electives	6
Free Electives	6
American Civilization	3
Criminal Justice Organization & Mgmt.	<u>3</u>
	30

CRIMINAL JUSTICE Bachelor of Science Degree— Security Concentration

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Introduction to Sociology	3
Mathematics	6
General Psychology	3
Laboratory Science	6-8
Introduction to Security	3
Physical Education	<u>2</u>
	29-31

<i>Sophomore Year</i>	<i>Credits</i>
Juvenile Delinquency	3
Technical Writing	3
Speech	3
Humanities Electives	9

Foreign Culture	6
American Government or Statistics	3
Industrial/Commercial Security	3
Physical Education	<u>2</u>
	32

<i>Junior Year</i>	<i>Credits</i>
Criminology	3
Legal Standards of Private Security	3
Elementary Accounting	3
State and Local Government or Research Methods	3
Foreign Culture	6
Principles of Computer Information Systems	3
Criminal Justice Elective	3
Electives	<u>9</u>
	33

<i>Senior Year</i>	<i>Credits</i>
Security Planning and Supervision	3
Behavioral Science Electives	12
Criminal Justice Electives	6
American Civilization	3
Free Electives	3
Selected Topics in Crim. Justice	<u>3</u>
	30

ECONOMICS AND FINANCE Bachelor of Science Degree

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Mathematics	6
Laboratory Science	6
Foreign Culture	6
Humanities	3
Principles of CIS	3
Physical Education	<u>2</u>
	32

<i>Sophomore Year</i>	<i>Credits</i>
Principles of Management	3
Introduction to Sociology	3
Social/Behavioral Sc. Elective	3
Speech	3
Elementary Accounting	6
Principles of Economics	6
Principles of Marketing	3
Statistics	3
Physical Education	<u>2</u>
	32

<i>Junior Year</i>	<i>Credits</i>
American Civilization	3
Humanities	3
Foreign Culture	3

Programs of Study

Statistical Analysis	3
Investments	3
Managerial Finance I	3
Intermediate Microeconomics	3
Money and Banking	3
Economics/Finance Elective	3
Free Elective	<u>3</u>
	30

<i>Senior Year</i>	<i>Credits</i>
Humanities	3
Foreign Cultures	3
International Economics	3
Economics/Finance Electives	9
Economics/Finance Seminar	3
Free Electives	<u>12</u>
	30

EDUCATION:

ELEMENTARY EDUCATION Bachelor of Science Degree

In addition to course work, students seeking certification in Elementary Education will be required to have 120 hours of Observation/Participation prior to the Professional Semester and meet specific requirements as noted in The Handbook for Teacher Certification Students.

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Western Civilization	6
College Algebra	3
Math for Elementary Education	3
General Psychology	3
Intro. to Sociology	3
Intro. to American Ed.	3
Foreign Culture Elective	3
Physical Education	<u>2</u>
	32

<i>Sophomore Year</i>	<i>Credits</i>
Field Natural History (some options)	3
Developmental Psychology	3
Teaching Language Arts/Children's Literature in Elementary School	3
Teaching Math in Elementary School	3
†Foundations of Reading	3
†Diagnostic & Remedial Reading	3
Intro. to Geography	3
Introduction to Speech	3
Electives	2
Physical Education and Recreational Activities	2
Area of Concentration*	<u>3</u>
	31

<i>Junior Year</i>	<i>Credits</i>
Psychology of Learning	3
Teaching Science/Health in Elementary School	3
Teaching Social Studies in Elementary School	3
Physical Science (some options)	3
American Civilization	3
Foreign Culture	3
Area of Concentration*	6
Art Education for Elementary Teachers	3
Educational Experiences in Music	3
Computers in the Classroom	<u>1</u>
	31

<i>Senior Year††</i>	<i>Credits</i>
Literature	3
Area of Concentration*	3
Electives	9
††Professional Orientation and School Law	<u>2</u>
	17

THE PROFESSIONAL SEMESTER (Specific GPA Req.)

Instructional Media	2
Issues and Concerns in Education	2
Practicum in Student Teaching	1
Student Teaching	<u>8</u>
	30

+ Foundations of Reading must be taken before Diag. and Remedial Reading.

†† Prof'l. Orient. & School Law must be taken the semester prior to the Professional Semester.

††† Senior semesters are interchangeable. Remember ††.

* Elementary Education majors elect one concentration area from the following options:

Art: A101 or A203; A107; A207; and a studio art elective.

Language Arts: CM206 or CM304, E256 or E320, E252 or CM311, E271 or E310 or E315.

Foreign Language: 12 credits, at least 6 in a foreign culture at intermediate level.

Mathematics: Four courses:

MAT280 and MAT290

Two of the following: MAT120, 125, 250, 260, 340

Music: MU260(3), Applied Piano(2), Music Ensemble(4), MU374(3).

Reading: EE207 or SE356, EE313, EE314, EE409.

Science: Any 12 credits in Science drawn from Biology, Chemistry, Physics, Physical Science or Earth/Space Science.

Social Studies: PS241 or PS301; M220 or M221; B203 or B205 or B286; G341 or G345 or G350.

EDUCATION—SECONDARY

The student seeking certification in Secondary Education must major in Biology, Business Education, Communications, English, General Science, Mathemat-

Programs of Study

ics or Social Studies. Additionally, 120 hours of Observation/Participation will be required prior to the Professional Semester as well as other specific requirements as noted in The Handbook for Teacher Certification Students.

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Western Civilization	6***
Mathematics	6
General Psychology	3
Introduction to Sociology	3
Foreign Culture Electives**	6
Physical Education	<u>2</u>
	32
<i>Sophomore Year</i>	<i>Credits</i>
Introduction to Speech	3
Introduction to American Education	3
Psychology of Learning	3
Laboratory Science Electives	6-8
Free Electives	3-5
Area Specialization****	9
Physical Education	<u>2</u>
	31
<i>Junior Year</i>	<i>Credits</i>
Secondary School Experience	3
Secondary Teaching Strategies	3
Area Specialization****	21
American Civilization	3
Computers in the Classroom	<u>1</u>
	31
†††Secondary Reading Component	
<i>Senior Year†††</i>	<i>Credits</i>
Area Specialization****	3
Humanities Electives	9
Electives	3
††Professional Orient. & School Law	<u>2</u>
	17

THE PROFESSIONAL SEMESTER (A 2.5 GPA, or greater, required)

Instructional Media	2
Issues and Concerns in Education	2
Practicum in Student Teaching	1
Student Teaching	<u>8</u>
	<u>13</u>
	30

†† Professional Orient. & School Law must be taken the semester prior to the Professional Semester.

††† Senior semesters are interchangeable.

†††† Successful completion of the Diagnostic Test, or SE356, or SE360 (currently, "Experimental" status).

*** Social Studies majors must take 4 Intercultural Studies courses and a theme area of 12 credits.

*** 3-6 credit hours are required specific to the major.

**** AREA SPECIALIZATION COURSES REQUIRED AS FOLLOWS:

Biology:

Physics I and II
General Chemistry (2 courses)
Organic Chemistry (2 courses)
Statistics
Environmental Biology
Principles of Biology
Zoology
Botany
Microbiology
Genetics
Biology Seminar

Business Education: (Majors must take Office Technologies and one other certification area. Please refer to section below for detailed schedule plan.)

Communication:

21 credit hours in required courses
Principles of Communication
American Literature or British Literature (1 course)
Linguistics or History of the English Language
Shakespeare
Advanced Public Speaking
Mass Media
Teaching Communication/English in the Secondary School
12 credit hours in specialization courses. (Choose one area of specialization: Speech, Drama, or Media)

English:

24 credit hours in required courses
Oral Interpretation or Advanced Public Speaking
History of the English Language
American Literature (1 course)
British Literature (1 course)
Advanced Composition
Linguistics
Shakespeare
Teaching Communication/English in the Secondary School
9 credit hours in English electives. (At least one course must be a multicultural literature course)

Programs of Study

General Science:

General Chemistry I and II
 General Physics (2 courses—PHY121 & PHY122)
 or
 Engineering Physics (2 courses—PHY131 & PHY132)
 Principles of Computer Science
 Principles of Biology
 Zoology
 Earth and Space Science
 Teaching General Science in the Secondary School
 6–8 credit hours from one of the following areas of specialization:

Biology

Field Natural History
 Botany
 Microbiology
 Genetics
 Animal Physiology

Chemistry

Quantitative Analytical Chemistry
 Organic Chemistry I
 Organic Chemistry II
 Instrumental Analytical Chemistry

Physics

Statics
 Dynamics
 Engineering Physics (PHY231)
 Engineering Physics (PHY232)
 Engineering Drawing

Mathematics:

Laboratory Science Elective must be Engineering Physics (PHY131 & PHY132)
 Analytical Geometry and Calculus (3 courses—MAT171—MAT172—MAT271)
 Differential Equations
 Linear Algebra or Abstract Algebra
 Mathematical Structures
 Statistics
 Introduction to Geometry
 Computer Language
 Teaching of Mathematics in the Secondary School
 One course chosen from:
 Abstract Algebra
 Linear Algebra
 Advanced Calculus
 Reading and Research

Social Studies:

History of American Civilization I and II
 American Government
 State and Local Government
 Introduction to Anthropology or Cultural Anthropology
 American Social Problems
 Introduction to Geography
 Geography of North America
 Principles of Economics (Micro and Macro)
 Teaching Social Studies in the Secondary School

BUSINESS EDUCATION

**Bachelor of Science Degree
 Secretarial, Accounting, Marketing,
 Data Processing and
 Office Technologies Concentrations¹**

Freshman Year

	<i>Credits</i>
English Composition	6
Mathematics (includ. Math of Bus.)	6
American Civilization	3
Princ. of Computer Information Systems	3
Document Creation/Processing	6
² Shorthand	6
Physical Education	2
General Psychology	3
Humanities Elective	3

Sophomore Year

	<i>Credits</i>
Principles of Management	3
Elementary Accounting	6
Laboratory Science	6
Principles of Marketing	3
Introduction to American Education	3
Foreign Culture	3
² Office Simulations	3
⁵ Pascal Programming	3
Office Procedures	3
Physical Education	2

Junior Year

	<i>Credits</i>
Speech	3
Psychology of Learning	3
Economics	6
Business Law	3
³ Intermediate Accounting I	3
Foreign Culture	6
⁴ Retailing	3
Principles of Business Education	3
³ Accounting Elective	3
⁵ Management Information Systems	3
Communication & Report Writing	3
⁶ Secondary Reading Component	

Programs of Study

<i>Senior Year</i>	<i>Credits</i>
Foreign Culture	3
Computers in the Classroom	1
Humanities Electives	6
Teaching Business Subjects	3
⁴ Marketing Elective	3
⁵ Business Systems Analysis and Design	3
Professional Orientation & School Law	2
Professional Semester	<u>13</u>
Total Credits Required (minimum)	124

¹ Bus. Ed. majors will elect Office Technologies and any one or more of the concentrations

² Required only of those students concentrating in the secretarial field

³ Required only of the accounting concentration

⁴ Required only of the marketing concentration

⁵ Required only of the data processing concentration

⁶ Successful completion of the Diagnostic Test, or SE356 or SE360 (currently, "Experimental" status)

ENGINEERING MANAGEMENT Bachelor of Science Degree

The Engineering Management Program has been designed for those students who wish to pursue a career in management with companies involved in technical production.

<i>Freshman Year</i>	<i>Credits</i>
American Civilization	3
English Composition	6
Foreign Culture/Language	6
Humanities Elective	3
Analytic Geometry & Calculus	8
Engineering Graphics	2
Intro to CAD	3
Physical Education	<u>2</u>
	33

<i>Sophomore Year</i>	<i>Credits</i>
Principles of Economics	6
Elementary Accounting	6
Principles of Management	3
Statistics	3
Engineering Physics	8
Analytic Geometry & Calculus	4
Physical Education	<u>2</u>
	32

<i>Junior Year</i>	<i>Credits</i>
Chemistry	8
Business Law	3
Communications and Report Writing	3
Foreign Culture	3
Principles of Marketing	3
Speech	3

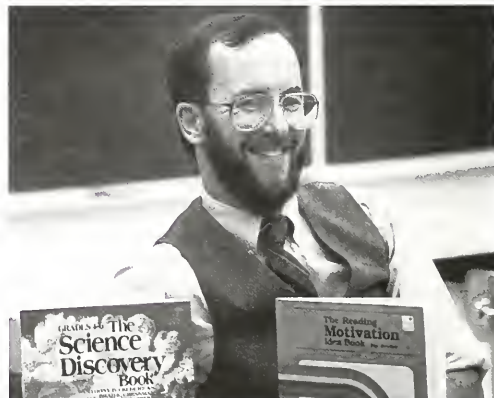
Engineering Elective	3-4
Engineering Physics	<u>4</u>
	30-31

<i>Senior Year</i>	<i>Credits</i>
Management Electives	6
Business Policy	3
Engineering Electives	3-4
Humanities Electives	6
Social Science Electives	6
Free Elective	3
Foreign Culture/Language	<u>3</u>
	30-31

ENGLISH Bachelor of Arts Degree

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Foreign Culture*	6
Humanities Electives	6
Mathematics	6
Behavioral and Social Sciences Electives	6
Physical Education	<u>2</u>
	32

<i>Sophomore Year</i>	<i>Credits</i>
Literature Electives†	6
Humanities Electives	3
Introduction to Speech	3
Foreign Culture*	6
Behavioral and Social Sciences Electives	3
Laboratory Science	6-8
Free Elective	3
Physical Education	<u>2</u>
	32-34



Programs of Study

<i>Junior Year</i>	<i>Credits</i>
Humanities or Behavioral and Social Sciences Elective	3
Literature Elective†	9
Advanced Speech Communication course	3
Advanced Composition	3
Free Electives	<u>12</u>
	30

<i>Senior Year</i>	<i>Credits</i>
English Seminar	3
Literature Electives†	9
Free Electives	13–15
American Civilization	3
History of the English Language	<u>3</u>
	31–33

* Students must obtain at least two semesters' credit in a single foreign language.

† Literature electives must eventually include:

American Literature	Shakespeare
British Literature	Four additional literature courses
European Literature	

Students must receive a grade of "2" or better in each course within the major and in E101, E102 and CM204 to qualify for graduation.

A B.A. degree in English with a writing option and a B.A. degree in English with a theatre option are available. See the Department Chair.

HEALTH RECORD ADMINISTRATION Bachelor of Science Degree

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Introduction to Sociology*	3
Mathematics	6
Foreign Culture/Language	6
Humanities Elective	6
General Psychology*	3
Orientation to Health Record Administration*	1
Physical Education	<u>2</u>
	33

<i>Sophomore Year</i>	<i>Credits</i>
Anatomy and Physiology*	8
Foreign Culture/Language	6
Speech	3
Communication & Report Writing*	3
Social/Behavioral Science Electives	9
Humanities Elective	3
Physical Education	<u>2</u>
	34

<i>Junior Year</i>	<i>Credits</i>
American Civilization	3
Principles of Management*	3
Statistics*	3
Microbiology*	4
Computer Information Systems*	3
Org. & Adm. of Health Care Facilities	3
Human Resource Management*	3
Health Record Science	3
Medical Terminology	3
Directed Practice I†	1
Health Statistics and Research	4
Fundamentals of Medical Science I	<u>3</u>
	36

<i>Senior Year</i>	<i>Credits</i>
Health Classifications, Indexes, Registers	3
Quality Assurance in Health Care	2
Fundamentals of Medical Science II	3
Health Record Management	4
Health Records in Special Health Care Facilities	1
Systems Analysis	1
Health Information Systems	3
Directed Practice II, III†	3
Legal Concepts for the Health Field	3
Health Record Management Affiliation†	4
Health Record Administration Seminar	<u>2</u>
	29

† Directed Practice consists of approximately 440 hours of on-site clinical experience at various health care institutions. During Management Affiliation of the senior year, each student goes on a 6 week full-time affiliation at a health care institution outside the York area. Students are responsible for their own transportation during Directed Practice and Management Affiliation assignments.

* Supporting Courses

HISTORY Bachelor of Arts Degree

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Western Civilization I & II	6
Foreign Language*	6
Mathematics	6
Geography	3
Political Science	3
Physical Education	<u>2</u>
	32

<i>Sophomore Year</i>	<i>Credits</i>
American Civilization I & II	6
Foreign Language*	6
Humanities Electives	6

Programs of Study

Social or Behavioral Sciences Electives	6
Laboratory Science	6–8
Physical Education	<u>2</u>
	32–34

<i>Junior Year</i>	<i>Credits</i>
Foreign Culture †	3
History Electives	12
Social or Behavioral Sciences Electives	3
Humanities Electives	6
Speech	3
Free Electives	<u>3</u>
	30

<i>Senior Year</i>	<i>Credits</i>
Foreign Culture †	3
History Electives	9
Seminar in History	3
Humanities Elective	3
Free Electives	<u>12</u>
	30

* Fulfills general foreign culture requirement.

† Other than foreign languages.

HUMANITIES

Bachelor of Arts Degree

<i>Freshman Year</i>	<i>Credits</i>
English Compositions	6
Foreign Language	6
Mathematics	6
#Introduction to Art Appreciation	3
#Music Appreciation	3
#Behav. and Soc. Science Elect.	6
Physical Education	<u>2</u>
	32

<i>Sophomore Year</i>	<i>Credits</i>
Introduction to Speech	3
Laboratory Science	6–8
Foreign Language	6
American Civilization	3
Introduction to Philosophy	3
Humanities Major Cluster	6
Free Elective	3
Physical Education	<u>2</u>
	32–34

<i>Junior Year</i>	<i>Credits</i>
Humanities Major Cluster	12
Area Concentration Electives*	6
Free Electives	<u>12</u>
	30

<i>Senior Year</i>	<i>Credits</i>
Seminar or Indep. Study	3
Area Concentration Electives	12
Free Electives	<u>15</u>
	30

* Humanities majors must choose one of the following four areas of concentration: Philosophy and Religion, Arts and Letters, American Studies, Language and Language Arts.

All Hum. majors must complete the following background courses, either as part of the core or in place of free electives: A101, E254, H121, or 122, MU260, P221.

INFORMATION SYSTEMS

Bachelor of Science Degree

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Foreign Culture	6
Mathematics (including Business Calculus)	6
General Psychology	3
Introduction to Sociology	3
Humanities	3
*Pascal Programming	3
Physical Education	<u>2</u>
	32

<i>Sophomore Year</i>	<i>Credits</i>
Economics	6
Elementary Accounting	3
Business Statistics	3
Speech	3
Principles of Management	3
Laboratory Science	3
* COBOL, Adv. COBOL	6
Principles of Marketing	3
Physical Education	<u>2</u>
	32

<i>Junior Year</i>	<i>Credits</i>
Laboratory Science	3
Organizational Behavior	3
Cost Accounting	3
Management Info. Systems	3
Networks & Dist. Processing	3
Communication	3
Foreign Culture	3
Humanities	6
Free Elective	<u>3</u>
	30

<i>Senior Year</i>	<i>Credits</i>
Managerial Finance I	3
Operations Management	3
Systems Analysis & Design	3
Computer Operating Systems	3

Programs of Study

Data Base Management System	3
Business Policy	3
American Civilization	3
Foreign Culture	3
Free Electives	<u>6</u>
	30

* Only ONE computer language course may be taken in a semester.

LATIN AMERICAN STUDIES Bachelor of Arts Degree

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
American Civilization I or II	3
Humanities Electives	6
Foreign Culture (2 semesters Elem. Span.)	6
Mathematics	6
Introduction to Latin America	3
Physical Education	<u>2</u>
	32

<i>Sophomore Year</i>	<i>Credits</i>
Government and Politics in Latin America	3
History of Latin America I	3
Speech	3
Behavioral Science Elective	3
Humanities Elective	3
American Government	3
Laboratory Science	6-8
Intermediate Spanish I & II	6
Physical Education	<u>1</u>
	31-33

<i>Junior Year</i>	<i>Credits</i>
Pre-Colombian Civilization	3
History of Latin America II	3
Foreign Cultures Elective	6
Social Science Elective	3
Humanities Elective	3
Intermediate Spanish Conversation	3
Reading Strategies in Spanish	3
Free Electives	6
Phys. Ed.	<u>1</u>
	31

<i>Senior Year</i>	<i>Credits</i>
Independent Research in Major	3
International Relations or Comp. Gov't.	3
Spanish Civilization	3
Behavioral or Social Science Elective	3
Spanish Elective (300 level)	3
Senior Seminar in Latin American Studies	3
Free Electives	<u>12</u>
	30



LONG-TERM CARE ADMINISTRATION Bachelor of Science Degree

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Fundamentals of Human Biology	3
Science Elective	3-4
General Psychology	3
Introduction to Sociology	3
Foreign Culture	3
Mathematics	6
American Civilization	3
Physical Education	<u>2</u>
	32-33

<i>Sophomore Year</i>	<i>Credits</i>
Statistics	3
Speech	3
State and Local Government	3
Accounting (ACC210, ACC215, ACC300)	6
Foreign Culture	6
Practicum in Long-Term Care Administration	3
Organization & Administration of Health Care Facilities	3
Humanities Electives	3
Physical Education	<u>2</u>
	35

<i>Junior Year</i>	<i>Credits</i>
Clinical Aspects of Aging	3
Human Service Techniques	3
Medical Terminology	1
Principles of Marketing	3
Data Analysis with SPSS (Statistics-Prereq.)	1
Behavioral Science Electives	6
Humanities Elective	6

Programs of Study

Foreign Culture	3
Elective	<u>3</u>
	29

<i>Senior Year</i>	<i>Credits</i>
Legal Concepts of Health Field	3
Administrator-in-Training*	12-15
Humanities Elective	3
Electives	9-12
Principles of Management	<u>3</u>
	30-36

* This course requires 480-600 hours of work at an approved facility.

MANAGEMENT

Bachelor of Science Degree

Human Resource, Operations, and Banking and Financial Management Concentrations

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Mathematics (including Business Calculus)	6
Laboratory Science	6
Foreign Culture	6
Humanities Elective	3
Principles of Computer Information Systems	3
Physical Education	<u>2</u>
	32

<i>Sophomore Year</i>	<i>Credits</i>
Principles of Management	3
Introduction to Sociology	3
General Psychology	3
Communication	3
Speech	3
Elementary Accounting I	3
Elementary Accounting II or Cost Accounting	3
Business Statistics	3
Principles of Economics	6
Physical Education	<u>2</u>
	32

<i>Junior Year</i>	<i>Credits</i>
Business Law	3
American Civilization	3
Principles of Marketing	3
Quantitative or Statistical Analysis	3
Operations Management	3
Human Resource Management	3
Humanities Elective	3
Organizational Behavior	3
Business Elective*	3
Foreign Culture	<u>3</u>
	30

<i>Senior Year</i>	<i>Credits</i>
Humanities Elective	3
Foreign Culture	3
Managerial Finance I	3
Business Policy	3
Business & Society	3
Management Electives*	6
Free Electives	<u>9</u>
	30

* By proper selection of these electives a student may concentrate in Human Resource, Operations or Banking and Financial Management.

MARKETING

Bachelor of Science Degree

Consumer Products Marketing, Business Marketing, and Retailing Concentrations

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
American Civilization	3
Foreign Culture	6
Mathematics (including Business Calculus)	6
Humanities Elective	3
Behavioral or Social Sciences Electives	6
Physical Education	<u>2</u>
	32

<i>Sophomore Year</i>	<i>Credits</i>
Principles of Management	3
Principles of Economics	6
Elementary Accounting	6
Principles of Computer Information Systems	3
Speech	3
Principles of Marketing	3
Business Statistics	3
Laboratory Science	3
Physical Education	<u>2</u>
	32

<i>Junior Year</i>	<i>Credits</i>
Business Law	3
Marketing Electives*	9
Communication	3
Laboratory Science	3
Quantitative or Statistical Analysis	3
Operations Management	3
Foreign Culture	<u>6</u>
	30

<i>Senior Year</i>	<i>Credits</i>
Marketing Research	3
Marketing Policies & Strategies	3
Business Policy	3
Marketing Electives*	6

Programs of Study

Humanities Elective	6
Free Electives	<u>9</u>
	30

* By proper selection of these electives a student may concentrate in Consumer Products Marketing, Business Marketing or Retailing.

MATHEMATICS

Bachelor of Science Degree

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Calculus I & II	8
Humanities, Behavioral and Social Sciences	6
Foreign Culture	6
American Civilization I or II	3
Physical Education	<u>2</u>
	31

<i>Sophomore Year</i>	<i>Credits</i>
Speech	3
Calculus III	4
Differential Equations	4
Linear Algebra	3
Humanities, Behavioral and Social Sciences	3
Foreign Culture	6
Computer Mathematics	3
Mathematical Structures	3
Physical Education	<u>2</u>
	31

<i>Junior Year</i>	<i>Credits</i>
Engineering Physics I & II	8
Advanced Calculus I & II	6
Abstract Algebra I	3
Mathematics Electives	6
Humanities, Behavioral and Social Sciences	6
Electives	<u>3</u>
	32

<i>Senior Year</i>	<i>Credits</i>
Mathematics Electives	6
Humanities, Behavioral and Social Sciences	6
Electives	<u>18</u>
	30

MEDICAL TECHNOLOGY

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Principles of Biology	4
General Chemistry	8
Behavioral and Social Sciences Electives	6
Foreign Culture	3
Mathematics	6-8
Physical Education	<u>1</u>
	34-36

<i>Sophomore Year</i>	<i>Credits</i>
Foreign Culture	6
Humanities Elective	3
Organic Chemistry	8
Animal Physiology	4
Microbiology	4
Physical Education	2
Sociology	3
Statistics	<u>3</u>
	33

<i>Junior Year</i>	<i>Credits</i>
Speech	3
Humanities Electives	6
Foreign Culture	3
Immunology	4
Psychology	3
American Civilization	3
Physical Education	1
Instrumental Analytical Chemistry	4
Quantitative Analytical Chemistry	4
Biochemistry (Recommended)	<u>4</u>
	35

<i>Senior Year</i>	<i>Credits</i>
Clinical year of study in an CAHEA approved program. Credits for individual courses may vary with program. The courses include:	
Clinical Microbiology, Clinical Chemistry,	
Clinical Hematology/Coagulation,	
Clinical Immunohematology, Clinical	
Immunology/Serology, Clinical Seminar	32

MUSIC

Bachelor of Arts Degree

<i>Freshman Year</i>	<i>Credits</i>
Music Theory I, II	6
Sight Singing I, II	2
Primary Applied Music	2
Secondary Applied Music	1
Ensemble	2
Humanities Elective (MU260)	3
English Composition	6
Mathematics	6
Free Elective	3
Physical Education	<u>1</u>
	32

<i>Sophomore Year</i>	<i>Credits</i>
Music Theory III, IV	6
Sight Singing III, IV	2



Programs of Study

Primary Applied Music	2
Secondary Applied Music ¹	1
Ensemble	2
Foreign Culture	6
Speech	3
Social Science	3
Humanities Elective	3
Free Elective	3
Physical Education	<u>1</u>
	32

<i>Junior Year</i>	<i>Credits</i>
Music History I, II	6
Primary Applied Music	2
Ensemble	2
Music Elective	3
Foreign Culture	6
Lab Science	6
Humanities Elective	3
Free Elective	2
Physical Education	<u>1</u>
	31

<i>Senior Year</i>	<i>Credits</i>
Upper level music course ²	3
Primary Applied Music	2
Recital ³	0
Ensemble ⁴	2
Music Elective	3
Humanities Elective	6
American Civilization	3
Social Science	6
Free Elective	3
Physical Education	<u>1</u>
	29

¹ See catalogue under "Basic Requirements for music majors" regarding minimum piano requirements.

² The student may choose from the following: Counterpoint (MU362), Orchestration (MU461), or Composition (Independent Study).

³ Students must enroll in their primary applied area until completion of the recital requirement.

⁴ Students must enroll in their primary music ensemble until graduation.

NUCLEAR MEDICINE TECHNOLOGY Bachelor of Science Degree

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
*Principles of Biology	4
*General Chemistry (CHM131, CHM132)	8
Behavioral & Social Science Electives	3
Foreign Culture	3
*Mathematics (MAT105, MAT120)	6
Physical Education	<u>2</u>
	32

<i>Sophomore Year</i>	<i>Credits</i>
Foreign Culture	6
Humanities Elective	3

†*Concepts of Chemistry (CHM112)	4
*Human A & P	8
*Microbiology	4
Sociology (B185)	3
American Civ.	3
Physical Education	<u>2</u>
	33

<i>Junior Year</i>	<i>Credits</i>
Speech	3
Humanities Electives	6
Foreign Culture	3
Behavioral & Social Science	3
*Biochemistry	4
*Immunology	4
Psychology (B161)	3
*Physics (PHY122)	4
*Principles of Computer Information Systems	<u>3</u>
	33

<i>Senior Year**</i>	<i>Credits</i>
(Clinical Practicum)	
NM Theory	8
NM Applied Theory	3
NM Clinical Applications	6
NM Practicum	<u>13</u>
	30

†Students must have a minimum grade of 2.0 in each course of General Chemistry (CHM131, CHM132) prior to taking CHM112.

*Students must have a minimum grade of 2.0 in each of these required courses and nuclear medical technology major courses * with an average of 2.3 in science and mathematics courses and must have a cumulative grade point average of 2.3 in order for the college to recommend the student for the clinical year.

**The senior year consists of a hospital practicum at one of the four hospitals of the South Central Pennsylvania Consortium for Nuclear Medicine Technology Training.

NURSING Bachelor of Science Degree

<i>Freshman Year</i>	<i>Credits</i>
English Composition*	6
Mathematics MAT105-MAT110*	6
General Psychology*	3
Introductory Sociology*	3
Chemistry* CHM111-CHM112	8
Humanities Elective	3
Physical Education	<u>2</u>
	31

<i>Sophomore Year</i>	<i>Credits</i>
Human Anatomy and Physiology*	8
Microbiology*	4
Human Development and Health Care*	3
Nutrition in Health Care*	3
Speech*	3
Humanities Elective	3

Programs of Study

Foreign Culture/Language	3
Physical Education	2
Basic Principles in Nursing Practice*	<u>5</u>
	34

<i>Junior Year</i>	<i>Credits</i>
Foreign Culture/Language	6
Humanities Elective	3
Statistics*	3
Behavioral Science Elective	3
Nursing Concepts*	6
Nursing Practice*	<u>12</u>
	33

<i>Senior Year</i>	<i>Credits</i>
Leadership in Professional Nursing*	3
Research and Professional Nursing Practice*	3
Foreign Culture/Language	3
Elective	3
American Civilization	3
Behavioral Science	3
Nursing Concepts*	6
Nursing Practice*	<u>10</u>
	34

* For progression to the sophomore year of the nursing major and retention in the nursing major, students must have earned grade point average of 2.8 or better and a minimum of 2.0 in each required supporting course and in nursing major courses.

OFFICE ADMINISTRATION

Bachelor of Science Degree

<i>Freshman Year</i>	<i>Credits</i>
American Civilization	3
English Composition	6
Principles of Computer Information Systems	3
Foreign Culture	3
Document Creation/Typing	3
Humanities Elective	3
College Algebra	3
General Psychology	3
Business Mathematics	3
Physical Education	<u>2</u>
	32

<i>Sophomore Year</i>	<i>Credits</i>
Principles of Management	3
Business Calculus	3
Laboratory Science	3
Principles of Marketing	3
Office Procedures	3
Office Simulations or Office Practicum	3
Elementary Accounting	6
Information Administration	3
Speech	<u>3</u>
	30

<i>Junior Year</i>	<i>Credits</i>
Laboratory Science	3
Economics	6
Communication & Report Writing	3
Business Statistics	3
Office Administration	3
Management Finance I or Cost Accounting I	3
Electives	3
Foreign Culture/Language	3
Introduction to Sociology	3
Physical Education	<u>2</u>
	32

<i>Senior Year</i>	<i>Credits</i>
Business Law I	3
Seminar in Office Technology	3
Humanities Elective	6
Organizational Behavior	3
Human Resource Management	3
Foreign Culture/Language	6
Electives	<u>6</u>
	30

PHYSICAL SCIENCE

Bachelor of Science Degree

The Physical Science major provides a broad education in science with options for concentration in mathematics or one of several physical sciences. It is designed to provide flexibility in career options by requiring an interdisciplinary background. Students may use this major as a basis for entering a professional or graduate school as well as for seeking employment in a mathematics profession or in a variety of laboratory settings including criminal, chemical, environmental, quality control, or research. Certain concentrations are also suitable for work in the sales and service areas of pharmaceutical, chemical or related industries.

Chemistry (Pre-Medical/Pre-Dental Option)

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Principles of Biology	4
Microbiology	4
General Chemistry	8
Mathematics	6-8
Physical Education	<u>2</u>
	30-32

<i>Sophomore Year</i>	<i>Credits</i>
Organic Chemistry	8
Humanities or Behavioral Social Science Electives	6
Foreign Culture/Language	6
Physics	8

Programs of Study

American Civilization	3
Physical Education	<u>2</u>
	33

<i>Junior Year</i>	<i>Credits</i>
Speech	3
Anatomy & Physiology	8
Quantitative Analytical Chemistry	4
Instrumental Analytical Chemistry	4
Statistics	3
Humanities or Behavioral Social Science Electives	9
Foreign Culture/Language	<u>3</u>
	34

<i>Senior Year</i>	<i>Credits</i>
Independent Study	6
Internship	3
Physical Science Seminar	3
Humanities or Behavioral Social Science Electives	6
Foreign Culture/Language	3
Biochemistry	4
Immunology	3
Free Elective	<u>3</u>
	31

Chemistry Concentration

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Principles of Biology	4
Principles of Computer Information Systems	3
General Chemistry	8
Mathematics	6-8
Physical Education	<u>2</u>
	29-31

<i>Sophomore Year</i>	<i>Credits</i>
Organic Chemistry	8
Humanities or Behavioral Social Science Electives	6
Foreign Culture/Language	6
Physics	8
American Civilization	3
Physical Education	<u>2</u>
	33

<i>Junior Year</i>	<i>Credits</i>
Speech	3
Foreign Culture/Language	6
Quantitative Analytical Chemistry	4
Instrumental Analytical Chemistry	4
Statistics	3
Humanities or Behavioral Social Science Electives	<u>12</u>
	32

<i>Senior Year</i>	<i>Credits</i>
Independent Study	6
Special Topics in the Physical Sciences*	3
Physical Science Seminar	3
Free Elective	12
Biochemistry	4
Humanities or Behavioral Social Sciences Elective	<u>3</u>
	31

* This course is offered alternate years.

Earth & Space/Geographical Science Concentration

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Principles of Biology	4
Earth & Space Science	3
General Chemistry	8
Mathematics	6-8
Physical Education	<u>2</u>
	29-31

<i>Sophomore Year</i>	<i>Credits</i>
Introduction to Geography	3
Earth Science Elective	3
Humanities or Behavioral Social Science Electives	6
Foreign Culture/Language	6
Physics	8
Free Elective	3
Intro. to Oceanography or Intro. to Cartography	3
Physical Education	<u>2</u>
	34

<i>Junior Year</i>	<i>Credits</i>
Speech	3
Foreign Culture/Language	3
Humanities and Behavioral Social Science Electives	9
Quantitative Analytical Chemistry	4
Instrumental Analytical Chemistry	4
Statistics	3
American Civilization	<u>3</u>
	32

<i>Senior Year</i>	<i>Credits</i>
Independent Study	6
Special Topics in the Physical Sciences*	3
Physical Science Seminar	3
Free Electives	9
Economic Geography	3
Humanities or Behavioral Social Science Elective	3
Foreign Culture/Language	<u>3</u>
	30

* This course is offered alternate years.

Programs of Study

Physics Concentration

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Principles of Biology	4
Principles of Computer Information Systems	3
General Chemistry	8
Calculus I & II	8
Physical Education	<u>2</u>
	31

<i>Sophomore Year</i>	<i>Credits</i>
Foreign Culture/Language	6
American Civilization	3
Humanities or Behavioral Social Science Electives	3
Engineering Physics I & II	8
Calculus III	4
Differential Equations	4
Physical Education	<u>2</u>
	30

<i>Junior Year</i>	<i>Credits</i>
Speech	3
Humanities or Behavioral Social Science Electives	9
Foreign Culture/Language	6
Quantitative Analytical Chemistry	4
Instrumental Analytical Chemistry	4
Engineering Physics III & IV	<u>8</u>
	34

<i>Senior Year</i>	<i>Credits</i>
Independent Study	6
Special Topics in the Physical Sciences	3
Physical Science Seminar	3
Statics	3
Humanities or Behavioral Social Science Electives	9
Dynamics	3
Free Elective	<u>3</u>
	30

Forensics/Criminalistics Concentration

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Principles of Biology	4
American Civilization	3
General Chemistry	8
Mathematics	6-8
Physical Education	<u>2</u>
	29-31

<i>Sophomore Year</i>	<i>Credits</i>
Criminal Investigation	3

Introduction to Criminalistics	3
Humanities or Behavioral Social Science Electives	6
Foreign Culture/Language	3
Free Electives	6
Quantitative Analytical Chemistry	4
Instrumental Analytical Chemistry	4
Physical Education	<u>2</u>
	31

<i>Junior Year</i>	<i>Credits</i>
Speech	3
Principles of Crime Scene Search	3
Arson, Bomb and Ballistics Investigation	3
Evidence Analysis Techniques of Body Fluids	3
Statistics	3
Physics	8
Special Topics in the Physical Sciences*	3
Physical Science Seminar	3
Foreign Culture/Language	<u>3</u>
	32

<i>Senior Year</i>	<i>Credits</i>
Independent Study	6
Humanities or Behavioral Social Science Electives	15
Foreign Culture/Language	6
Free Electives	<u>6</u>
	33

* This course is offered alternate years.

POLITICAL SCIENCE: Bachelor of Arts Degree Government Concentration

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Mathematics	6-8
Foreign Culture/Language	6
Introduction to Sociology	3



Programs of Study

General Psychology	3
American Civilization I & II	6
Physical Education	<u>2</u>
	32-34

<i>Sophomore Year</i>	<i>Credits</i>
Introduction to Political Science	3
Laboratory Science	6-8
Introduction to Speech	3
Foreign Culture/Language	6
American Government	3
State & Local Government	3
Principles of Economics (Macro)	3
Humanities Electives	3
Physical Education	<u>2</u>
	32-34

<i>Junior Year</i>	<i>Credits</i>
Decision Making in the Public Sector	3
Comparative Government	3
International Relations	3
Geography—World & Urban	6
Statistics	3
Humanities	6
Free Electives	<u>9</u>
	30

<i>Senior Year</i>	<i>Credits</i>
Foreign Governments*	6
International Economics	3
Political Theory	3
American Foreign Policy	3
Free Electives	6
Parties, Campaigns & Elections	3
Internship	<u>6</u>
	30

POLITICAL SCIENCE: Bachelor of Arts Degree International Studies Concentration

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Western Civilization I & II	6
Intercultural Studies (Intro.)	3
Mathematics	6
Principles of Economics	6
Humanities Elective	3
Physical Education	<u>2</u>
	32

<i>Sophomore Year</i>	<i>Credits</i>
Speech	3
Foreign Language	6
American Civilization I & II	6

Laboratory Science	6-8
Free Electives*	6
Introduction to Geography	3
Physical Education	<u>2</u>
	32-34

<i>Junior Year</i>	<i>Credits</i>
Foreign Language	6
Intercultural Studies (Intro.)	3
Humanities Electives	6
American Government	3
International Relations	3
Behavioral and Social Sciences Electives*	6
American Foreign Policy	<u>3</u>
	30

<i>Senior Year</i>	<i>Credits</i>
Intercultural Studies (Foreign Government)	6
Comparative Government	3
International Economics	3
War and Peace	3
Free Electives*	<u>15</u>
	30

*See Political Science Listings

POLITICAL SCIENCE: Bachelor of Arts Degree Public Administration Concentration

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Mathematics	6-8
Foreign Culture/Language	6
Introduction to Political Science	3
Social Science Elective	3
American Civilization I or II	3
Introduction to Public Administration	3
Physical Education	<u>2</u>
	32-34

<i>Sophomore Year</i>	<i>Credits</i>
Laboratory Science	6-8
Introduction to Speech	3
Foreign Culture/Language	6
American Government	3
State & Local Government	3
Social Science Electives	6
Humanities Electives	3
Physical Education	<u>2</u>
	32-34

<i>Junior Year</i>	<i>Credits</i>
Decision Making in the Public Sector	3
American Foreign Policy	3

Programs of Study

Statistics	3
Campaigns and Elections	3
Urban Geography	3
Politics of Public Policy	3
Humanities Electives	6
Free Electives	<u>6-9</u>
	30-33

<i>Senior Year</i>	<i>Credits</i>
Readings in Public Administration	3
Public Finance	3
Management Electives	6
Free Electives	12-15
Internship	<u>6</u>
	30-33

PSYCHOLOGY MAJOR Bachelor of Science Degree

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
General Psychology	3
Introductory Sociology	3
Mathematics	6
Language or Intercultural Studies	6
Humanities Electives	6
Physical Education	<u>2</u>
	32

<i>Sophomore Year</i>	<i>Credits</i>
Speech	3
Biology	6-8
Statistics and Data Analysis w/SPSS	4
Language or Intercultural Studies	6
Social Science Electives	6
Psychology Electives	6
Physical Education	<u>2</u>
	33-35

<i>Junior Year</i>	<i>Credits</i>
History and Systems	3
Experimental Psychology or Research Methods	3
Psychology Electives	9
Humanities Electives	6
Electives	<u>9</u>
	30

<i>Senior Year</i>	<i>Credits</i>
Clinical and Abnormal Psychology	6
Physiological Psychology	3
Psychology Electives	3
Behavioral Science Seminar	3
Electives	12
American Civilization	<u>3</u>
	30

RECREATION AND LEISURE ADMINISTRATION Bachelor of Science Degree NRPA/AALR Generalist Accreditation

<i>Freshman Year</i>	<i>Credits</i>
Recreation & Leisure in Modern Society	3
Leadership in Recreation and Leisure Activities	3
General Psychology	3
Introduction to Sociology	3
English Composition	6
Foreign Culture	6
Humanities Electives	6
Physical Education	<u>2</u>
	32

<i>Sophomore Year</i>	<i>Credits</i>
Behavioral Sciences Electives	3-6
Recreation and Leisure Elective	3
Recreation Practicum	3
Intro. to Therapeutic Recreation	3
Speech	3
Math	6
Foreign Culture	6
Physical Education	<u>2</u>
	29-32

<i>Junior Year</i>	<i>Credits</i>
Recreation & Leisure Electives	9
Science	6-8
Humanities Elective	3-6
American Civilization	3
Free Electives	<u>9</u>
	30-35

<i>Senior Year</i>	<i>Credits</i>
Seminar in Recreation and Leisure Studies	3
Internship	9
Recreation Elective	6
Free Electives	9
Recreation Administration	<u>3</u>
	30

RESPIRATORY THERAPY Bachelor of Science Degree In cooperation with York Hospital

<i>Freshman Year</i>	
<i>Fall</i>	
College Algebra	3
English Composition	3
General Psychology	3
General Chemistry	4
Foreign Culture	3
Physical Education	<u>1</u>
	17

Programs of Study

<i>Spring</i>	
American Civilization	3
English Composition	3
College Math	3
General Chemistry	4
Introduction to Sociology	<u>3</u>
	16

Sophomore Year

<i>Summer</i>	
Basic Science for Respiratory Therapy	3
Principles of Biology	<u>4</u>
	7

<i>Fall</i>	
Human Anatomy and Physiology	4
Medical Terminology	1
Pulmonary Diseases	3
Bronchopulmonary Hygiene	3
Oxygen Therapy and CPR	3
Clinical Practice I	<u>1</u>
	15

<i>Spring</i>	
Human Anatomy and Physiology	4
Pulmonary Function Testing	2
Mechanical Ventilation	4
Clinical Practice II	2
Pediatric Respiratory Therapy	2
Physical Education	<u>1</u>
	15

Junior Year

<i>Summer</i>	
Clinical Practice IV	1
Evaluation of the Patient with Pulmonary Disease	<u>2</u>
	3

<i>Fall</i>	
General Physics	4
Pulmonary Physiology	3
Clinical Practice V	1
Humanities Elective	3
Foreign Culture	3
Physical Education	<u>1</u>
	15

<i>Spring</i>	
Microbiology	4
Foreign Culture	3
Clinical Practice VI	1
Cardiac Physiology	2
Introduction to Speech	3
Elective**	<u>3</u>
	16

Senior Year

<i>Summer</i>	
Clinical Practice VIII	1

<i>Fall</i>	
Respiratory Therapy Seminar	2
Elective**	3
Clinical Practice IX	1
Humanities/Social Science Electives	6
Physical Education	<u>1</u>
	13

<i>Spring</i>	
Independent Study in Respiratory Therapy	1
Elective**	3
Clinical Practice X	1
Foreign Culture	3
Humanities/Social Science Electives	<u>6</u>
	14

*For guaranteed progression to the sophomore year of the Respiratory Therapy Program, students must have an earned grade point average of 2.50 or better and a minimum of 2.0 in each freshman course.

**Electives must be cleared with the program director.

SOCIOLOGY MAJOR Bachelor of Science Degree

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
General Psychology	3
Introductory Sociology	3
Mathematics	6
Foreign Culture	6
Humanities Electives	6
Physical Education	<u>2</u>
	32

<i>Sophomore Year</i>	<i>Credits</i>
American Social Problems	3
Lab Science	6-8
Humanities or Social Sciences	6
Development of Sociological Theory	3
Contemporary Sociological Theory	3
Statistics and Data Analysis w/SPSS	4
Foreign Culture	<u>6</u>
	31-33

<i>Junior Year</i>	<i>Credits</i>
Research Methods	3
Humanities or Social Sciences	6
Speech	3
Sociology Elective	9
Electives	6
Physical Education	<u>2</u>
	29

<i>Senior Year</i>	<i>Credits</i>
Behavioral Science Seminar	3

Programs of Study

Sociology Electives	9
Electives	15
American Civilization	<u>3</u>
	30

SPEECH COMMUNICATION

Bachelor of Arts Degree

Radio and Television Concentration

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Mathematics/Lab Science	6-8
Behavioral Science Elective	3
Humanities Elective	3
Foreign Culture	3
Free Electives	3
American Civilization	3
Radio-TV Practicum	2
Physical Education	<u>1</u>
	29-32

<i>Sophomore Year</i>	<i>Credits</i>
Foreign Culture	3
Mathematics/Lab Science	6-8
Behavioral Science Elective	3
Radio-TV Writing	3
Introduction to Speech	3
Principles of Communication	3
Literature Elective	3
Television Production	3
Radio Production	3
Radio-TV Practicum	1
Physical Education	<u>1</u>
	30-34

<i>Junior Year</i>	<i>Credits</i>
Humanities Elective	3-6
Behavioral Science Electives	6-9
Interpersonal Communication	3
Mass Media	3
Radio/TV News	3
Persuasion	3
Free Elective	3
Area Elective	3
Physical Education	<u>1</u>
	28-34

<i>Senior Year</i>	<i>Credits</i>
Humanities or Social Science Electives	6
Behavioral Science Elective	3
Foreign Culture	6
Communications Seminar	3
Area Electives	3
Free Electives	6-9

Physical Education	1
Radio/TV Reporting	<u>3</u>
	31-34

Students must receive a grade of "2" or better in each course within the major and in E101, E102 and CM204 to qualify for graduation.

SPEECH COMMUNICATION

Bachelor of Arts Degree

Speech Concentration

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Mathematics/Lab Science	6-8
Behavioral Science Elective	3
Humanities Elective	6
Foreign Culture	3
American Civilization	3
Speech Practicum	1-2
Physical Education	<u>1</u>
	29-32

<i>Sophomore Year</i>	<i>Credits</i>
Foreign Culture	3
Lab Science/Mathematics	6-8
Introduction to Speech	3
Humanities Elective	3
Principles of Communication	3
Literature Elective	3
Technical Writing or Advanced Composition	3
Free Elective	6
Speech Practicum	2
Physical Education	<u>1</u>
	32-35

<i>Junior Year</i>	<i>Credits</i>
Humanities or Social Science Electives	3
Behavioral Science Electives	6
Foreign Culture	3
Interpersonal Communication	3
Mass Media	3
Group Discussion	3
Persuasion	3
Comm. Strategies	3
Area Elective	3
Physical Education	<u>1</u>
	31

<i>Senior Year</i>	<i>Credits</i>
Foreign Culture	3
Humanities or Social Science Electives	9
Advanced Public Speaking	3
Communications Seminar	3
Area Electives	3
Free Electives	6-8

Programs of Study

Public Relations/Internship/Ind. Study	3
Physical Education	<u>1</u>
	28-33

Students must receive a grade of "2" or better in each course within the major and in E101, E102, and CM204 to qualify for graduation.

THE ASSOCIATE DEGREE

Graduation Requirements

The degree requirements binding on the student are those in effect as of the date a student first takes a course after officially declaring a major (matriculation into that major). These requirements are listed on the program checksheet.

At the beginning of the semester in which the student hopes to complete all degree requirements it is necessary to submit an application for the degree. This application should be obtained from and returned to the Records Office within the first three weeks of the semester.

1. Have successfully completed at least 60 credit hours (plus 2 Physical Education credits). The last 30 of these must be earned at York College.
2. Have a cumulative quality point index of at least 2.0.
3. Meet the following curriculum requirements:

A. General Education Requirements

- (1) Three semesters of communication skills, including E101-102, English Composition. The third course should be chosen from CM204, Introduction to Speech, E220, Communications and Report Writing, or a literature course. (E100 Fundamentals of English will not satisfy this requirement.) All students must receive a grade of "2" or better in E101 before enrolling in E102. York College students are required to complete the Freshman Composition Program (E101 and E102) within the first forty-five credits or be continuously enrolled in the composition courses until this requirement is met.
- (2) Two semesters of Mathematics or Laboratory Science.
- (3) Two semesters of Social and/or Behavior Sciences.
- (4) One semester of Humanities.

This requirement may be met by taking any course in art, literature, music, philosophy, religion, or theater arts, with the exception that performance, skill, or studio courses may *not* be used to fulfill this requirement.

Those courses which fit this category would include sculpture, painting, photography, band, choir, theater workshop, introduction to film, etc.

B. Additional courses approved by:

- (1) An advisor in the department in which the student is majoring.
- (2) The Registrar for those with no specific major.

C. Two physical education credits

Physical education skills courses may not be counted as part of the minimum 60 credit hours required for an associate degree.

4. While only one Associate Degree may be received from York College of Pennsylvania, more than one concentration may be completed and designated on the transcript.

An Associate of Science degree may be obtained with majors in the following areas:

Biology
Business Administration
Chemistry
Computer Programming
Corrections
Criminalistics
Engineering
General Studies
Law Enforcement
Mathematics
Physics
Radio-Television
Respiratory Therapy
Retailing
Secretarial Specialist:
 Executive
 Medical
 Legal
Security

An Associate of Arts degree may be obtained in the following disciplines:

Art
Language
Music
Philosophy
Political Science

The General Program leading to an Associate Degree is as follows:

Freshman Year	Credits
English Composition	6
Math or Laboratory Science	6-8

Programs of Study

Physical Education	2
Electives/Major courses	<u>18</u>
	32-34

<i>Sophomore Year</i>	<i>Credits</i>
Behavioral or Social Sciences Electives	6
Humanities Elective	3
English Electives	3
Electives/Major courses	<u>16-18</u>
	28-30

Details regarding a particular Associate Degree can be obtained from the Registrar or the Department Chairperson.

Certificate for Early Childhood Education

This program is designed for individuals who are presently working or interested in working with preschool children. It is designed to provide and/or improve the knowledge and skills of people working in day care centers, nursery schools and other preschool institutions. Courses taken for the certificate are approved college level courses and are acceptable for continued academic work. Completion of this program should not be equated to state certification in Early Childhood Education at the baccalaureate level.

Courses required for a Certificate in Early Childhood Education:

	<i>Credits</i>
EE210 Early Childhood Curriculum	3
EE221 Introduction to American Education	3
CM204 Introduction to Speech	3
B360 Developmental Psychology	3
E101 English Composition I	3
EE310 Physical Education and Recreational Activities	2
CM150 Beg. Sign Language	1
EE207 Literacy Devel. in Young Children	3
A374 Art Education for Elementary Teachers	3
EE211 Practicum in Early Childhood Education	3

Certificate for Respiratory Technician in cooperation with York Hospital

Students completing this program will be awarded a Certificate in Respiratory Therapy and are qualified to take the Certified Respiratory Therapy Technician (CRTT) examination administered by the National Board for Respiratory Care (NBCR).

<i>Summer</i>	<i>Credits</i>
College Algebra	3
Principles of Biology	4

Basic Science for Respiratory Therapy	<u>3</u>
	10

<i>Fall</i>	<i>Credits</i>
Human Anatomy and Physiology	4
Medical Terminology	1
Pulmonary Diseases	3
Bronchopulmonary Hygiene	3
Oxygen Therapy and Cardiopulmonary Resuscitation	3
Clinical Practice I	<u>1</u>
	15

<i>Spring</i>	<i>Credits</i>
Human Anatomy and Physiology	4
Pulmonary Function Testing	2
Pediatric Respiratory Therapy	2
Mechanical Ventilation	4
Clinical Practice II	<u>2</u>
	14

<i>Summer</i>	<i>Credits</i>
Clinical Practice III	4

ASSOCIATE DEGREES (Listed alphabetically)

ART

Associate of Arts Degree

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Mathematics and/or Science	6
Design I and II*	6
Drawing I and II	6
Social or Behavioral Sciences Elective	3
Art Appreciation	3
Physical Education	<u>1</u>
	31

<i>Sophomore</i>	<i>Credits</i>
Communication Elective	3
Art History I and II*	6
Painting I and II	6
Sculpture I and II	6
Electives	6
Social or Behavioral Sciences Elective	3
Physical Education	<u>1</u>
	31

* Depending upon when offered these courses may be taken either the Freshman or Sophomore year.

Programs of Study

BIOLOGY Associate of Science Degree

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Mathematics	6
Biology BS111	4
Zoology	4
General Chemistry	8
Humanities Elective	<u>3</u>
	31

<i>Sophomore Year</i>	<i>Credits</i>
Genetics	4
Botany	4
Organic Chemistry or Concepts of Chemistry II plus Biochemistry	8
English Elective	3
Social or Behavioral Sciences Electives	6
Biology Elective	4
Physical Education	<u>2</u>
	31

BUSINESS ADMINISTRATION Associate of Science Degree

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Mathematics	3
Mathematics or Laboratory Science	3
Principles of Management	3
Principles of Computer Information Systems	3
Humanities Elective	3
*Free Electives	9
Physical Education	<u>2</u>
	32

<i>Sophomore Year</i>	<i>Credits</i>
Communications & Report Writing	3
Speech	3
Principles of Economics	6
Elementary Accounting	6
Principles of Marketing	3
Business Statistics	3
Business Law I	3
Business Elective	<u>3</u>
	30

* For students planning to transfer or to continue in a four-year program, these electives should be taken in the social/behavioral sciences, humanities or foreign culture/language areas.

CHEMISTRY Associate of Science Degree

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
General Chemistry	8

General Physics	8
Mathematics	6
Humanities Elective	3
Social or Behavioral Sciences Elective	<u>3</u>
	34

<i>Sophomore Year</i>	<i>Credits</i>
English Elective	3
Organic Chemistry	8
Analytical Chemistry (Instrumental or Quantitative)	4
Social or Behavioral Sciences Elective	3
Electives	12
Physical Education	<u>2</u>
	32

COMPUTER PROGRAMMING Associate of Science Degree

<i>Freshman Year</i>	<i>Credits</i>
Principles of Computer Information Systems	3
*Pascal Programming	3
Humanities Elective	3
English Composition	6
Mathematics	3
Mathematics or Laboratory Science	3
Principles of Management	3
Elementary Accounting	6
Physical Education	<u>1</u>
	31

<i>Sophomore Year</i>	<i>Credits</i>
*COBOL Programming	3
*Advanced COBOL Programming	3
Speech	3
Principles of Economics	6
Data Structures and Algorithms	3
Principles of Marketing	3
Free Electives	9
Physical Education	<u>1</u>
	31

*Only ONE computer language course may be taken in a semester.

CRIMINAL JUSTICE Associate of Science Degree Law Enforcement Concentration

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Math or Lab Science	6-8
General Psychology	3
Introduction to Sociology	3
Humanities Elective	3
Elective	3
Physical Education	1

Programs of Study

Intro. to Criminal Justice	3
Juvenile Delinquency	<u>3</u>
	31–33

<i>Sophomore Year</i>	<i>Credits</i>
Technical Writing	3
Criminology	3
Criminal Justice Electives	12
Electives	6
Physical Education	1
Criminal Law	3
Ethics in Criminal Justice	<u>3</u>
	31

CRIMINAL JUSTICE Associate of Science Degree Criminalistics Concentration

<i>Freshman Year</i>	<i>Credits</i>
Criminal Investigation	3
English Composition	6
Technical Writing	3
Introduction to Criminalistics	3
Lab Science	3–4
General Psychology	3
Introduction to Sociology	3
Law Enforcement Elective	3
Electives	3
Physical Education	<u>1</u>
	31–32

<i>Sophomore Year</i>	<i>Credits</i>
Lab Science	3–4
Law Enforcement Elective	3
Math	3
Humanities Electives	3
Criminalistics Electives	9
Electives	9
Physical Education	<u>1</u>
	31–32

CRIMINAL JUSTICE Associate of Science Degree Corrections Concentration

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Math or Lab Science	6–8
General Psychology	3
Introduction to Sociology	3
Humanities Elective	3
Corrections Electives	3
Elective	3
Physical Education	1
Intro to Criminal Just.	<u>3</u>
	31–32

<i>Sophomore Year</i>	<i>Credits</i>
Ethics in Criminal Justice	3
Speech or Technical Writing	3
Criminology	3
Corrections Electives	9
Human Service Techniques	3
Electives	9
Physical Education	<u>1</u>
	31

CRIMINAL JUSTICE Associate of Science Degree Security Concentration

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Math or Lab Science	6–8
General Psychology	3
Introduction to Sociology	3
Humanities Electives	3
Security Electives	6
Physical Education	1
Intro. to Security	<u>3</u>
	31–33

<i>Sophomore Year</i>	<i>Credits</i>
Speech or Technical Writing	3
Criminology	3
Security Electives	9
Electives	12
Physical Education	<u>1</u>
	28

ENGINEERING Associate of Science Degree

<i>Freshman Year</i>	<i>Credits</i>
Analytic Geometry & Calculus	8
Engineering Graphics	2
Intro. to CAD	3
English Composition	6
Social or Behavioral Sciences Electives	6
Humanities	3
Physical Education	<u>1</u>
	29

<i>Sophomore Year</i>	<i>Credits</i>
Calculus III	4
General Chemistry	8
Differential Equations	4
Engineering Physics	8
Speech	3
Physical Education	<u>1</u>
	28

Programs of Study

<i>Junior Year</i>	<i>Credits</i>
Engineering Physics	8
Statics	3
Dynamics	3
Strength of Materials	<u>3</u>
	17

GENERAL STUDIES Associate of Science Degree

<i>Freshman Year</i>	<i>Credits</i>
English Compositions	6
Math or Laboratory Science	6-8
Physical Education	2
Electives	<u>18</u>
	32-34

<i>Sophomore Year</i>	<i>Credits</i>
Behavioral or Social Sciences Electives	6
Humanities Elective	3
English Electives	3
Electives	<u>16-18</u>
	28-30

LANGUAGE* Associate of Arts Degree

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Language	6
Math or Lab Science	6
Humanities Elective	3
Social or Behavioral Sciences Electives	6
Elective	3
Physical Education	<u>1</u>
	31

<i>Sophomore Year</i>	<i>Credits</i>
English Elective	3
Language	6
Introduction to Indo-European Languages and Folklore	3
Recommended Electives:	18
History of Western Civilization	
European Intellectual History	
Modern Europe	
Physical Education	<u>1</u>
	31

MATHEMATICS Associate of Science Degree

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Social or Behavioral Science Electives	6
Electives	4
Analytic Geometry & Calculus	8
Humanities Elective	3
Physical Education	1
Computer Language	<u>3</u>
	31

<i>Sophomore Year</i>	<i>Credits</i>
Laboratory Science	8
Calculus III	4
Differential Equations	4
Mathematics Elective	3
Electives	11
Physical Education	<u>1</u>
	31

MUSIC Associate of Arts Degree

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Music Theory I, II	6
Sight Singing I, II	2
Primary Instrument	2
Secondary Instrument	1
Performance Groups	2
Mathematics or Science	6
Humanities Elective (MU260)	3
General Elective**	3
Physical Education	<u>1</u>
	32

<i>Sophomore Year</i>	<i>Credits</i>
Music Theory III & IV	6
Sight Singing III & IV	2
Primary Instrument	2
Secondary Instrument	1
Performance Groups	2
Communication Elective	3
Behavioral and Social Sciences Elective	6
Music Electives*	3
General Electives**	6
Physical Education	<u>1</u>
	32

*Concentration in one language required, except for classical language major (Greek, Latin, Hebrew). A student electing Spanish as the language of concentration is required to schedule 12 credits of Spanish beyond the elementary level.

*Music electives may be chosen from applied music, music education, performance groups, and jazz history.

**General electives should be chosen from those areas of the student's interest which will strengthen career opportunities. Behavioral and social science electives should be chosen to combine with and strengthen the student's chosen interests and skills.

Programs of Study



PHILOSOPHY

Associate of Arts Degree

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Math or Lab Science	6-8
Social or Behavioral Sciences Electives	6
Introduction to Philosophy	3
Electives	9
Physical Education	<u>1</u>
	31-33

<i>Sophomore Year</i>	<i>Credits</i>
English Elective	3
Critical Thinking or Logic	3
Humanities Elective	3
Philosophy Electives*	6
Electives	15
Physical Education	<u>1</u>
	31

*At least one philosophy elective must be a 300 level course or higher.

PHYSICS

Associate of Science Degree

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Social or Behavioral Sciences Electives	6
Analytic Geometry & Calculus	8
Humanities Elective	3
Physical Education	<u>1</u>
	24

<i>Sophomore Year</i>	<i>Credits</i>
Engineering Physics	8
Calculus III	4
Differential Equations or Linear Algebra	3-4
Electives	4
Speech	3
Physical Education	<u>1</u>
	23-24

<i>Additional Required Courses</i>	<i>Credits</i>
Engineering Physics	8
Statics	3
Dynamics	<u>3</u>
	14

POLITICAL SCIENCE

Associate of Arts Degree

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Math or Lab Science	6
American Civilization I & II	6
American Government	3
State & Local Government	3
Intercultural Studies (Intro. & Contemporary)	6
Physical Education	<u>1</u>
	31

<i>Sophomore Year</i>	<i>Credits</i>
Economics	6
Comparative Government	3
American Constitutional Thought or Political Theory	3
International Relations	3
Urban Geography	3
English Elective	3
Humanities Elective	3
Electives	6
Physical Education	<u>1</u>
	31

RADIO-TELEVISION

Associate of Science Degree

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Radio Practicum	1-2
Introduction to Speech	3
Social and Behavioral Sciences Electives	6
Humanities Elective	3
Science and/or Mathematics	6-8
Free Elective	3
Physical Education	<u>1</u>
	29-32

<i>Sophomore Year</i>	<i>Credits</i>
Radio Practicum	1-2
Radio Production	3
Television Production	3
Radio-TV Writing	3
Mass Media	3
Free Electives	9-11
Radio/TV News	3
Physical Education	1
Broadcast News Reporting	<u>3</u>
	29-32

Programs of Study

RESPIRATORY THERAPY

Associate of Science Degree

In cooperation with York Hospital

Freshman Year

Summer	Credits
College Algebra	3
Principles of Biology	4
Basic Science for Respiratory Therapy	<u>3</u>
	10

Fall	Credits
Human Anatomy and Physiology	4
Medical Terminology	1
Pulmonary Diseases	3
Bronchopulmonary Hygiene	3
Oxygen Therapy and Cardiopulmonary Resuscitation	3
Clinical Practice I	1
Physical Education	<u>1</u>
	16

Spring	Credits
Human Anatomy and Physiology	4
Pulmonary Function Testing	2
Mechanical Ventilation	4
English Composition	3
Clinical Practice II	2
Pediatric Respiratory Therapy	<u>2</u>
	17

Sophomore Year

Summer	Credits
Psychology, Humanities, Social Science Elective	3
Clinical Practice IV	1
Evaluation of the Patient with Pulmonary Disease	2
English Composition	<u>3</u>
	9

Fall	Credits
Pulmonary Physiology	3
General Chemistry	4
General Physics	4
Speech	3
Clinical Practice V	1
Physical Education	<u>1</u>
	16

Spring	Credits
Cardiac Physiology	2
General Chemistry	4
Microbiology	4

Psychology, Humanities, Social Science Electives	6
Clinical Practice VI	<u>1</u>
	17

Summer	Credits
Clinical Practice VII	<u>3</u>
	3

RETAILING

Associate of Science Degree

Freshman Year	Credits
English Composition	6
Elementary Accounting	6
Principles of Computer Information Systems	3
Principles of Marketing	3
Humanities Elective	3
Mathematics	3
Mathematics or Laboratory Science	3
Elective	3
Physical Education	<u>1</u>
	31

Sophomore Year	Credits
Principles of Economics	6
Principles of Management	3
Retailing	3
Retail Buying	3
Personal Selling	3
Fashion Marketing	3
Speech	3
Elective	6
Physical Education	<u>1</u>
	31

SECRETARIAL—EXECUTIVE SPECIALIST

Associate of Science Degree

Freshman Year	Credits
English Composition	6
Social and/or Behavioral Sciences Electives	6
Mathematics of Business**	3
Principles of Computer Information Systems	3
Shorthand*	6
Document Creation/Processing	6
Physical Education	<u>2</u>
	32

Sophomore Year	Credits
Principles of Management	3
Information Administration	3
Electives	6
Elementary Accounting I**	3
Speech	3

Programs of Study

Office Procedures	3
¹ Shorthand Transcription	3
Office Simulations or Office Practicum	3
Humanities Elective	3
² Communication & Report Writing	3
² Human Resource Management	3
² Office Administration	3
	<hr/>
Minimum	30

¹ Required for shorthand option.

² Required for non-shorthand option.

SECRETARIAL—LEGAL SPECIALIST

Associate of Science Degree

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Social and/or Behavioral Sciences Electives	6
Mathematics of Business**	3
Principles of Computer Information Systems	3
Shorthand* (recommended)	6
Document Creation/Processing	6
Citizen and the Court	3
	<hr/>
	33

<i>Sophomore Year</i>	<i>Credits</i>
Speech	3
Elementary Accounting I**	3
Office Procedures	3
Humanities Elective	3
Office Simulations or Office Practicum	3
Information Administration	3
Principles of Management	3
Business Law	6
Physical Education	2
	<hr/>
	29

SECRETARIAL—MEDICAL SPECIALIST

Associate of Science Degree

<i>Freshman Year</i>	<i>Credits</i>
English Composition	6
Social or Behavioral Sciences Electives	6
Biology BS100	3
Document Creation/Processing	6
Principles of Computer Information Systems	3
Mathematics of Business**	3
Medical Terminology	3
Physical Education	2
	<hr/>
	32

<i>Sophomore Year</i>	<i>Credits</i>
Information Administration	3
Speech	3
Anatomy & Physiology	8
Emergency First Aid/CPR	3
Office Simulations or Office Practicum	3
Office Procedures	3
Elementary Accounting I**	3
Humanities Elective	3
Health Classifications, Indexes	3
	<hr/>
	32

* First semester may be waived upon successful completion of an exemption examination. Credits must then be taken in other areas.

** In this curriculum, Accounting and Mathematics of Business will fulfill the Mathematics requirements.



Course Descriptions



Accounting	111
Advanced History Courses	140
American History	138
Anthropology	91
Applied Music Courses	150
Aquatic Activities	128
Art Appreciation and History	143
Art Education	146
Behavioral Science Department	90
Courses for Non-Majors	100
Biological Science Department	100
Courses for Majors in Biology and Related Fields	101
Courses for Non Majors	100
Business Administration Department	109
Business Education	112
Chemistry	157
Information Systems/Programming	114
Criminal Justice	91
Criminalistics	91
Economics and Finance	116
Education Department	120
Engineering	158
English and Humanities Department	129
European History	137
Foreign Languages	132
Geography	137
Gerontology	94
Government/Public Administration	141
Health Record Administration	103
History and Political Science Department	137
History—The Third World	140
Individual Sports	127
Intercultural Studies	140
Long-Term Care Administration	95
Management	117
Marketing and Retailing	119
Mathematics	159
Medical Technology	161
Music, Art and Speech Communication Department	143
Music	148
Music Education Courses	152
Music—Historical and Theoretical Courses	151
Nuclear Medicine Technology	105
Nursing	153
Office Administration	112
Performance Courses	150
Philosophy	135
Physical Education	127
Physical Science	162
Physical Sciences Department	157
Physics	163
Professional Education	124
Psychology	95
Radio-Television	147
Recreation and Leisure Administration	97
Religion	136
Respiratory Therapy	107
Secretarial	112
Security	92
Sociology	98
Speech Communication	146
Studio Courses	144
Team Sports	127
Visual Arts	143



York College of Pennsylvania

Course Descriptions

BEHAVIORAL SCIENCE DEPARTMENT

Behavioral Science combines sociology's study of group life with psychology's study of individual behavior.

A major in Behavioral Science is designed to provide preparation for entry into vocations where behavioral science training is desirable (e.g., governmental institutions, social agencies, and industry).

Major requirements are 24 hours in the Behavioral Sciences including B161, B185, B362 or B384, B491, and a course in Anthropology. Additional requirements are two semesters of Biology, B260 (Statistics), and B261 (Data Analysis with S.P.S.S.).

An internship is available with local agencies which allows qualified students to apply theory to realistic situations.

B260 Basic Statistics for the Behavioral Sciences

Course is designed to prepare the student for the application of elementary statistical tools to laboratory/field research projects and journal projects/publication preparation. Topics include descriptive statistics as tools to summarize and describe groups of data, inferential statistics including parametric and non-parametric hypothesis testing as tools for making inferences about population from samples. Prerequisite: MAT105 or equivalent.

3 class periods. 3 credit hours.

B261 Data Analysis with SPSS Fall-Spring Semesters

An introduction to the computer as a research tool in the social sciences. Students will learn fundamental concepts of the computer and analyze data by independently creating and running SPSS programs. Prerequisite: B260.

1 class period. 1 credit hour.

B421, B422 Behavioral Science Internship Program Fall-Spring Semesters

A program that provides on-the-job experiences in the application of the Behavioral Sciences. The student spends a minimum of 120 hours per semester with a selected agency in the performance of meaningful tasks

within the agency. In addition, conferences with the supervising professor on a weekly basis provide for integration of the student's academic and agency work. The internship provides an opportunity to explore job possibilities as well as making academic work more meaningful through application of theoretical principles. Prerequisites: Permission of instructor with G.P.A. of 2.0 and 60 credit hours.

3 credit hours each semester.

B491 Behavioral Science Seminar Fall-Spring Semesters

Individual inquiry under faculty supervision in areas pertinent to the student and aimed at integrating the major area by dealing with current developments and theories. Required of Psychology, Sociology and Behavioral Science majors. Prerequisite: Major of senior standing.

3 class periods. 3 credit hours.

B498, B499 Independent Study

The Independent Study Program affords an opportunity for the student who wishes to undertake a well-defined research project. While the student conducts his work under the guidance of a faculty member of his own choosing, the project is carried out in an independent manner without regular class meetings. Effective independent study is characterized by a reduction in



Course Descriptions

formal instruction and an increase in the individual student's responsibility and initiative in the learning process.

1-3 credits hours each semester.

The above courses are used by many departmental majors.

Anthropology

B203 Physical Anthropology

Fall Semester

An introductory survey of the principles and findings in the fields of human paleontology, physical anthropology, and appropriate archaeological methods.

3 class periods. 3 credit hours.

B205 Cultural Anthropology

Spring Semester

The study of culture and its major systems, including language, economic, political, and kinship systems.

3 class periods. 3 credit hours.

B305 Advanced Physical Anthropology:

Human Paleontology

Spring, even numbered years

A study of procedures and techniques used by physical anthropologists and archaeologists in excavating, analyzing and interpreting human skeletal remains. Emphasis will be placed on student work with human skeletal remains in a laboratory setting. Prerequisite: B203.

3 class periods. 3 credit hours.

B306 Chinese Culture

Introductory survey of the Chinese culture through studying ancient Chinese hieroglyphs with emphasis on social institutions, religion and folk literature.

3 class periods. 3 credit hours.

B317 Anthropology of Aging

Fall, odd numbered years

This course provides a cross-cultural perspective on aging experiences. It explores trends which may increase life satisfaction by analyzing the factors of successful aging. Can be used to satisfy course requirements for minor in Gerontology.

3 class periods. 3 credit hours.

B325 Culture and Personality

Fall, odd numbered years

A study of how culture affects the individual's personality with an emphasis on cross-cultural child rearing practices, role analysis, mental illness, and national character.

3 class periods. 3 credit hours.

B335 Selected Topics in Cultural Anthropology

Fall, even numbered years

The central emphasis in this course will be on the topics of environment, material culture, world view, and religion. In addition to these regularly presented topics, cultural anthropology subjects of interest to both the professor and students will be discussed in seminar presentations.

3 class periods. 3 credit hours.

Criminal Justice

This curriculum is designed to prepare students for a career within the criminal justice system, to provide in-service students with knowledge and skills needed for career advancement, and to prepare capable students for graduate school.

York College requirements and recommended programs of study appear in another section of the catalog; however, a student should work closely with his advisor to tailor his program to the student's career aspirations. A thirty-hour certificate is available for in-service students which consists of twenty-one semester hours in Criminal Justice courses and nine semester hours in Behavioral Science and Communications.

An Associate of Science degree consists of a minimum of twenty-one semester hours in Criminal Justice courses plus six semester hours of B185 and B161. The Bachelor of Science degree consists of twenty-four semester hours in Criminal Justice concentration plus twenty-seven hours of required courses.

An academic minor is available in Corrections, Criminalistics, and Security. These minors consist of fifteen to eighteen credit hours of specified courses taken within a discipline. Academic minors help to broaden and diversify a student's career potential through structured coursework in specialized disciplines.

CORRECTIONS

The objectives of the Corrections program are: (1) To provide the student with an in-depth understanding of Corrections on the federal, state and local level; (2) To familiarize the student with the various correctional treatment approaches; (3) To inform the student of the functions and operations of probation, parole and institutional corrections; (4) To develop an appreciation of the various legal standards and issues in correctional treatment programs.

CRIMINALISTICS

The objectives of the Criminalistics program are: (1) To provide the student with a specialized education in the criminalistics discipline; (2) To familiarize the student with the different types and forms of physical evidence that a criminal is liable to leave at a crime scene;

Course Descriptions

(3) To provide the student with the proper procedures for conducting a systematic search of crime scenes for physical evidence; (4) To provide the student with the proper procedures for collecting, marking, preserving, packaging, and transporting the various types of physical evidence; (5) To inform the student of the instrumentation and methods of analysis at crime scenes and in the crime laboratory.

A Bachelor of Science degree in Physical Science with a concentration in Criminalistics is also available. See Physical Science.

LAW ENFORCEMENT

The objectives of the Law Enforcement program are: (1) To provide the student with an in-depth understanding of law enforcement operations on the federal, state and local level; (2) To develop in the student an appreciation of current social problems that confront the law enforcement profession; (3) To familiarize the student with investigative techniques; (4) To educate the student about criminal law and procedural due process as it relates to law enforcement operations.

SECURITY

The objectives of the Security program are: (1) To develop in the student an appreciation of the role that security personnel play within the public and private organizations; (2) To educate the student concerning the theoretical and practical applications of loss control methods; (3) To develop an in-depth understanding of contemporary security measures used to respond to terrorism, internal theft, external criminal attack and other threats to organizations in the public and private sectors; (4) To educate the student about contemporary legal standards and guidelines which regulate the security industry.

PC100 Orientation to Criminal Justice Fall Semester

This course is intended to acquaint the criminal justice student with those various agencies that comprise the criminal justice system. Guest speakers representing city, county, state and federal agencies present informative discussions concerning the employment qualifications, functions, and responsibilities of their respective organizations. This course is graded on a pass/fail basis.

1 class period. 1 credit hour.

PC101 Introduction to Criminal Justice* Fall-Spring Semesters

Survey of law enforcement; the role, history, development and constitutional aspects of law enforcement and public safety. A review of agencies involved in the process of the administration of criminal justice.

3 class periods. 3 credit hours.

* PC101 Introduction to Criminal Justice is a Prerequisite to all Criminal Justice (PC) courses.



PC102 Introduction to Private Security Spring Semester

A basic overview concerning industrial, commercial, and governmental aspects of security, to include its development and application in various sectors of public and private enterprise. (This is a prerequisite for all security courses.)

3 class periods. 3 credit hours.

PC110 Juvenile Delinquency Spring Semester

Problem of juvenile delinquency, theories of causation and prevention programs. Police prevention program, juvenile courts, institutional treatment, community sources for prevention, federal and state programs.

3 class periods. 3 credit hours.

PC115 The Citizen and the Court Spring Semester

A detailed study of legal procedures through which the accused passes from arrest to release. There will be an analysis of safeguards established for the protection of individual liberties.

3 class periods. 3 credit hours.

PC202 Principles of Commercial and Industrial Security Fall Semester

A comprehensive study of the methods of prevention and control of losses in business and industry, to include detection and application of countermeasures, through the use of mechanical means, planning, and the allocation of personnel and other resources.

3 class periods. 3 credit hours.

PC203 Ethical Issues in Criminal Justice Spring Semester

The primary purpose of this course is to introduce to students the various aspects of ethical behavior expected of practitioners in the criminal justice system.

Course Descriptions

Included will be the decision-making process, concerns regarding corruption, the use of force, plea bargaining, capital punishment, and other issues of concern. Other topics of immediate importance will also be examined as a contemporary segment of the course, in order to help prepare students to serve the public in a professional manner.

3 class periods. 3 credit hours.

PC204 Legal and Regulatory Standards of Private Security

Spring, even numbered years

This course is primarily concerned with federal, state and local laws, regulations, standards, and guidelines that control the practices of private security functions. Included are the laws of arrest, search, seizure, questioning, and federal, state and local regulations pursuant to the safe and legal standards pertaining to the operation of private enterprises.

3 class periods. 3 credit hours.

PC205 Probation/Parole **Fall Semester**

A fundamental review of the factors and general guidelines related to probation and parole, including the history and operational functions of these elements of the criminal justice system.

3 class periods. 3 credit hours.

PC225 Criminal Investigation **Fall Semester**

This course will examine the fundamental principles and theories of criminal investigation, with concentration on the following subjects: report writing, sources of information: witnesses, complainants, victims, observation, physical description, identification, interviews, interrogation, modus operandi, informants, surveillance, undercover techniques, crime scene search, collection, preservation, and processing of physical evidence; raids, arrest, search and seizure, case preparation, and courtroom demeanor and testimony.

3 class periods. 3 credit hours.

PC226 Advanced Criminal Investigation **Spring, even numbered years**

A course designed to apply the basic fundamentals of investigation in the investigation of specific offenses; homicide, suicide, robbery, rape and sex offenses, burglary, larceny, narcotics, and arson. Prerequisite: PC225.

3 class periods. 3 credit hours.

PC230 Introduction to Criminalistics **Spring Semester**

An introduction to the utilization of scientific methods and instrumentation in the analysis of physical evidence at crime scenes and in the laboratory. Topics include: fingerprints, cast and mold development, blood

and other body fluids, hair, fibers, tool marks, paint, glass and plastic fragments, ballistics, and specialized instrumentation.

3 class periods. 3 credit hours.

PC245 The Police and the Community **Fall Semester**

An in-depth study of the police subculture with major emphasis on their role and function as well as the sociological and psychological behavioral patterns of police officers. Community perception of the police, including the effects of prejudice, discrimination, discretion, and the concepts of contemporary police-community relations programs will be examined.

3 class periods. 3 credit hours.

PC255 Police Operational Functions **Fall-Spring Semesters**

A comprehensive analysis of the organization, function, and current trends of police operations, pertaining to patrol, investigations, vice and narcotics.

3 class periods. 3 credit hours.

PC301 Security Planning and Supervision **Spring, odd numbered years**

The intent of this course is to focus on tenets in regard to organizing, planning, directing, controlling, and coordinating security personnel. Prerequisite: PC102, PC202.

3 class periods. 3 credit hours.

PC302 (PC220) Criminal Law **Fall-Spring Semesters**

Substantive criminal laws are reviewed thoroughly from their Anglo-American common law origins and compared with contemporary Pennsylvania crimes code standards. Prerequisite: Sophomore standing.

3 class periods. 3 credit hours.

PC303 Women in Criminal Justice **Spring Semester**

An overall view of the involvement of women in the criminal justice system. This course will examine females as offenders and victims. This study will also examine women as criminal justice professionals: The barriers, the opportunities, and their future within the criminal justice system.

3 class periods. 3 credit hours.

PC323 Arson, Bomb, and Ballistics Investigation **Spring Semester**

Methods of scientific analysis are used in the investigation of fires, bombs and explosives, bullets and cartridges. Glass and document evidence are also examined. The value of the evidence and its presentation in court are discussed. Prerequisite: PC230.

3 class periods. 3 credit hours.

Course Descriptions

PC324 Evidence Analysis Techniques of Body Fluids

Fall Semester

Methods of scientific analysis are used in the collection, identification and comparison of physical evidence. This includes blood, semen, other body fluids, drugs, alcohol and toxicology. Prerequisite: PC230.

3 class periods. 3 credit hours.

PC333 (PC465) Traffic Administration and Investigation

Spring Semester

An integration of the four "E's" of traffic administration—Engineering, Education, Enforcement and Enforcement. Stress is placed on a smooth, efficient flow of traffic while maximizing safety and minimizing deaths, personal injury and property damage.

3 class periods. 3 credit hours.

PC335 Community Corrections

Fall Semester

Introductory course to non-institutional treatment of offenders including the correctional places, probation, parole, supervision, legal aspects and research.

3 class periods. 3 credit hours.

PC341 Law of Criminal Procedure

Fall/Spring Semesters

A detailed study of the laws of arrest and search as affected by recent decisions of the United States Supreme Court and various state appellate courts, including Pennsylvania Superior and Supreme Courts. Prerequisite: Must have completed 30 hours.

3 class periods. 3 credit hours.

PC350 Principles of Crime Scene Search

Fall Semester

This course consists of the factors included in an in-depth crime scene examination, and includes the following: preservation of the scene; note taking; preliminary examination and detailed search procedures and methods; sketching; measurements; photography; collection; marking, packaging, and transporting physical evidence to the laboratory. The process of fingerprinting and developing latent prints is also examined. Prerequisites: PC225 and PC230.

3 class periods. 3 credit hours.

PC351 Criminal Justice Organization and Management

Fall/Spring Semesters

This course will examine the basic principles of organization and management in Federal, state, county, and municipal criminal justice agencies. The important areas of leadership, planning, discipline and contemporary criminal justice management problem will be analyzed. Prerequisite: Must be a graduating senior.

3 class periods. 3 credit hours.

PC360 Criminal Justice Practicum

Fall/Spring Semesters

A carefully planned program that provides actual on-the-job experience. Agencies are carefully selected that will provide a variety of experiences of educational value. The student will spend 120–240 hours with a selected criminal justice agency plus conferences with the supervising professor. Prerequisite: Junior standing, 2.0 GPA, and permission of instructor.

3–6 credit hours.

PC470 Selected Topics in Criminal Justice

Fall/Spring Semesters

A seminar in the field of criminal justice and security which will deal with specific areas of concern to practitioners, students, and interested community members.

3 class periods. 3 credit hours.

PC480 Institutional Corrections

Spring Semester

A study of correctional institutions, allied agencies and their resources, the state correctional program, and legal matters related to and focused upon correctional issues. Prerequisite: PC205.

3 class periods. 3 credit hours.

PC498, PC499 Independent Study

The Independent Study Program affords an opportunity for the student who wishes to undertake a well-defined research project. While the student conducts his work under the guidance of a faculty member of his own choosing, the project is carried out in an independent manner without regular class meetings. Effective independent study is characterized by a reduction in formal instruction and an increase in the individual student's responsibility and initiative in the learning process.

1–3 credit hours each semester.

Gerontology

The following courses are being offered to students who wish to develop some specialization in the field of adult and aging (gerontology). These courses will provide basics in the methods, research, and knowledge in the field, will inspire "disciplined curiosity" for future developments, will provide experiences in the present realities of the aging, and confront personal attitudes toward aging and death.

B316 Adulthood and Aging

Spring Semester

This course studies age-related physical, psychomotor, and cognitive changes in maturity and aging from a life span developmental perspective. Recent research findings and issues related to the study of adult development are stressed. Theory and lectures may be

Course Descriptions

complemented by individual student projects. Prerequisite: B360.

3 class periods. 3 credit hours.

B318 Social Aspects of Aging

Fall, even numbered years

A study of the traumatic changes in the social environment of the individual brought about by aging. It will include consideration of financial, legal, emotional, social contact and family factors. Prerequisite: B316.

3 class periods. 3 credit hours.

B373 Working with the Elderly

Fall Semester

This course will focus on the skills needed to work successfully with older persons. It will emphasize knowing the client, knowing the available support systems, and helping with the decision-making process to encourage independence and adequate care.

3 class periods. 3 credit hours.

B374 Final Separation: Death and Grief

Spring Semester

This course is a brief survey of thanatology with emphasis on the personal meaning of death and helping with the adjustments of separation.

3 class periods. 3 credit hours.

B445 Clinical Aspects of Aging

Spring, even numbered years

A survey of the known physiological changes of the aging process and their psychological consequences. Present research in cellular, immunological, perceptual and neurological changes will be emphasized. Prerequisite: BS100 or BS111, or permission of instructor.

3 class periods. 3 credit hours.

B450, B451 Practicum in Aging

Fall-Spring Semesters

This course provides on-the-job experience in the application of the Behavioral Sciences. The student spends a minimum of 120 hours per semester in meaningful service to a provider of services for the elderly, and in developing and sustaining programs to meet the needs of the growing older population. It is supervised by careful coordination of Agency and College personnel. Prerequisite: permission of instructor and 2.0 G.P.A.

1 class period, 120 hours work.

3 credits each semester.

Long-Term Care Administration

B277 Practicum in Long-Term Care Administration

Provides early field experience by placement with a long-term care facility under the supervision of an approved administrator. The student will spend 120 hours in various departments in the institution, and

will meet in periodic class sessions. Prerequisite: Sophomore major, 2.0 G.P.A.

3 credit hours.

B431, B432, B433 Administrator-in-Training

A carefully planned program to provide in-depth experience (with cooperating facilities) in all aspects of long-term care administration. Supplemental seminars, reports and appraisals—credit awarded will be based on length and scope of each program. Prerequisite: Senior major with coordinator's approval, 2.5 G.P.A.

12 or 15 credit hours. (B431—6 cr., B432—6 cr., B433—3 cr.)

PSYCHOLOGY

Psychology is the science of behavior and the functioning of the individual personality.

A major in psychology is designed to provide preparation for pursuing graduate study and/or entry into vocations where psychological training is desirable (i.e., social agencies, personnel work, government institutions, and industry).

Courses in psychology provide for the needs of additional students in other majors such as nursing, biological sciences, and the liberal arts.

Major requirements are 24 hours of psychology, including B161, B362 or B384, B372, B464, B491 and either B342 or B461. Additional requirements are B260 (Statistics), B261 (Data Analysis with SPSS), and two semesters of Biology, including BS100 or BS111.

An internship is available with local agencies which allows qualified students to apply theory to realistic situations, and to clarify vocational objectives.

Courses in Anthropology and Sociology are available and useful adjuncts to all students in providing an understanding of other cultures.

B161 General Psychology*

Fall-Spring Semesters

An understanding of human behavior and cognition, unifying the physical, emotional, intellectual and social aspects with current research findings and theories.

3 class periods. 3 credit hours.

* B161 General Psychology is a prerequisite for all psychology courses.

B307 Cognitive Psychology

Fall Semester

This course studies, in detail, those mental processes and structures that compose the human cognitive system. The framework employed to study the human cognitive system is the information-processing approach and neural network models. The course will view cognitive psychology as the coordinated operation of active mental processes within a multicomponent memory system. Some of the topics to be dis-

Course Descriptions

cussed are: Sensory registers and attention, automatic and conscious processing, short-term memory, long-term memory, knowledge representation, storage and retrieval of information. Recent research findings and issues related to human memory are stressed.

3 class periods. 3 credit hours.

B309 Theories of Learning

Fall-Spring Semesters

This course provides students with the opportunity to develop a thorough understanding of human learning. Knowledge of human learning for Psychology and Behavioral Sciences majors is an invaluable asset for those students seeking immediate employment upon graduation and necessary for those students seeking admission to graduate study. The course takes a theoretical approach to learning employing viewpoints from traditional learning theory and how various theorists address classical questions in the field of human learning.

3 class periods. 3 credit hours.

B340 Theories of Counseling and Psychotherapy

Spring, even numbered years

A survey of the major theories of counseling and psychotherapy, including psychoanalytic, learning, rational, existential, and Gestalt.

3 class periods. 3 credit hours.

B342 Clinical Psychology

Spring Semester

A survey of clinical methods, evaluation techniques, and therapy practices, including ethical standards and professional attitudes of clinical practice. Prerequisite: Junior or Senior standing.

3 class periods. 3 credit hours.

B360 Developmental Psychology

Fall Semester

This course follows the developing child from the moment of conception until early adolescence. The course content includes the biological foundations of development, physical and motor development, language development, cognitive development, social development, personality, family and peer relationships, and examples of deviant development. Theory and application are integrated. Lectures may be complemented by student individualized projects.

3 class periods. 3 credit hours.

B362 Experimental Psychology

Fall-Spring Semesters

Introduction to the experimental method including experimental design, data collection, analysis of data and writing research reports. Required of Behavioral Science and Psychology majors. Prerequisite: B260.

3 class periods. 3 credit hours.

B364 Psychology of Adjustment

Fall Semester

An analysis of the determinants of a healthy personality in such areas as emotion, self-concept, and interpersonal relations.

3 class periods. 3 credit hours.

B367 Social Psychology

Spring Semester

Understanding the effect of the social environment and the influence of others on individual behavior. Prerequisite: B185.

3 class periods. 3 credit hours.

B368 Psychology of Exceptional Children

Spring Semester

A survey course of the major areas of exceptionality, dealing with the etiology, diagnosis; and behavioral implications of intellectual, physical, sensory, and social-emotional deviations of children, particularly as they pertain to the learning processes in education.

3 class periods. 3 credit hours.

B369 Psychology of Learning

Fall Semester

Utilization of learning principles and theories in the production of learned behavior. Emphasizes contemporary approaches to description and explanation of learning phenomena. Lecture, readings and classroom experiments.

3 class periods. 3 credit hours.

B372 History and Systems of Psychology

Spring Semester

Analysis of the historical background and present systems in the field of psychology; the various psychological interpretations of man. Required of Psychology majors.

3 class periods. 3 credit hours.

B461 Abnormal Psychology

Spring Semester

The causes, diagnosis, treatment and social significance of various forms of problem behavior; attention is given to the factors in adjustment in both the normal and deviant. Prerequisite: Junior or Senior standing.

3 class periods. 3 credit hours.

B464 Physiological Psychology

Fall-Spring Semesters

Introduction to the physiological and neurological foundations of behavior and cognition. Required of Psychology majors. Prerequisite: BS100.

3 class periods. 3 credit hours.

B475 Personality

Fall Semester

A critical survey of the theories of personality includ-

Course Descriptions

ing their origin, relevant research and application to understanding human behavior.

3 class periods. 3 credit hours.

RECREATION AND LEISURE ADMINISTRATION

ACCREDITED BY NATIONAL RECREATION AND PARK ASSOCIATION—AMERICAN ASSOCIATION FOR LEISURE AND RECREATION

A major in Recreation, with a therapeutic or community emphasis is designed to prepare recreation specialists for a variety of positions in both institutional and community settings. The objectives of the program are: 1) to provide a broad liberal education; 2) to develop skills and attitudes to assist others to lead more active, meaningful lives; and 3) to prepare students for entry into recreation and leisure service occupations at the professional level.

Two areas of emphasis are available. The Community Recreation emphasis is geared toward professional preparation for careers in federal, state, and local public recreation and park agencies, private, and voluntary agencies, armed forces, industrial recreation, commercial recreation, church recreation, and travel and tourism. Flexibility within this option will permit students to focus on a specific type of agency or setting.

The second emphasis is Therapeutic Recreation. This provides the student with a knowledge of recreation's potential contribution in a comprehensive rehabilitation process. It is designed to prepare the student to work with people who have a broad range of disabilities—mental, physical, and social. Graduates will be able to develop and/or provide leadership in programs serving people with mental retardation, emotional illness, and/or physical disability, as well as those who are imprisoned, disadvantaged, or aged through both institutional and community services. Graduates are eligible to take the examination for certification through National Council for Therapeutic Recreation Certification. R101 and R103 are prerequisites for all other recreation courses. Graduates of both emphases are eligible to take the examination for certification through the National Certification Board.

R101 Recreation and Leisure in Modern Society Fall-Spring Semesters

Surveys the present nature, scope, and significance of recreation and leisure for all citizens including specialized groups. Emphasis will be on the opportunities, responsibilities, and requirements of professional recreational work. Required for majors.

3 class periods. 3 credit hours.

R103 Leadership in Recreation and Leisure Activities Fall-Spring Semesters

Investigates the special problems facing recreation professionals in various types of group settings. Consideration will be given to developing, supervising and coordinating recreational programs. Required for majors.

3 class periods. 3 credit hours.

R221 Recreation Practicum Fall-Spring Semesters

Provides early field experience by placement in a recreational setting where the student will work 120 hours under careful supervision. Seminar sessions will be conducted to share problems and experiences. Required, by advisement, for majors.

3 class periods. 3 credit hours.

R301 Group Dynamics and Leadership Fall Semester

An in-depth study of the reactions and relationships between members of groups, supervision of staff and volunteers, and techniques for guiding the interaction toward defined goals. Required for Community Recreation emphasis.

3 class periods. 3 credit hours.

R310 Outdoor Recreation Spring Semester

Survey trends and issues in outdoor recreation, parks and conservation, including agency resources, legislation, and research. Includes outdoor recreation programs, resource management, and outdoor skills. Recreation elective.

3 class periods. 3 credit hours.

R311 Introduction to Therapeutic Recreation Fall-Spring Semesters

Introduction to principles and techniques used in serving special groups with physical, emotional or social disability. Required for majors.

3 class periods. 3 credit hours.

R331 Leadership in Therapeutic Recreation Spring Semester

Gives training in group leadership and organization and practical application of those techniques. Required for Therapeutic Recreation emphasis.

1 class period.

1 three-hour laboratory period.

3 credit hours.

R333 Organizing Community Recreation Spring Semester

Considers the nature of urban recreation and the people it serves; studies means for mobilizing a community for recreation, and the approaches for planning, organizing and conducting programs. Required for Com-

Course Descriptions

munity Recreation emphasis.

3 class periods. 3 credit hours.

R343 Organizing Therapeutic Recreation

Fall Semester

Concerned with the practice of therapeutic recreation and the specialized groups it serves; considers means of organizing a community or institution for providing recreation to meet unique requirements. Surveys approaches for planning, organizing and conducting specially tailored programs. Required for Therapeutic Recreation emphasis.

3 class periods. 3 credit hours.

R392 Selected Topics in Recreation

Spring Semester

Exploration of issues, trends, and philosophies of recreation including, but not limited to, commercial recreation, and travel and tourism. Required for Community Recreation emphasis.

3 class periods. 3 credit hours.

R400 Leisure and Aging

Exploration of the significance of recreation throughout the life cycle relative to the individual's attitudes, values, behaviors, and use of resources. Emphasis on leisure life styles of the elderly. Prerequisite: R311.

3 class periods. 3 credit hours.

R401 Management of Recreation & Park Facilities

Fall Semester

Information on management procedures for recreation facilities: planning and design, fiscal and capital development, maintenance, safety, accessibility, and vandalism control. Recreation elective.

3 class periods. 3 credit hours.

R421, R422,

R423, R424 Internships—Field Work in Recreation and Leisure

Fall-Spring Semesters

A program to provide on-the-job experiences in application of principles and techniques in either Community Recreation or Therapeutic Recreation. This provides the student with the opportunity to develop the art and skill of dealing with people in a professional capacity while under close supervision of an experienced supervisor and a faculty member. Required of all majors of second semester junior or first semester senior standing.

135 or more work experience hours per 3 credit hours up to a total of 9 credit hours required; an additional 3 credit hours is available as a recreation elective.

R450 Recreation Administration

Fall-Spring Semesters

This course will study the organizational patterns and administrative problems involved in operating various

leisure service agencies: forms of organization, planning, budget, personnel, liability, public relations and evaluation. Required for all majors of senior standing.

3 class periods. 3 credit hours.

R491 Seminar in Recreation and Leisure

Fall-Spring Semesters

A study of the implications of leisure and recreation as they relate to organization of recreation services. Visits to a variety of recreation agencies will be emphasized. Required of all majors of senior standing.

3 class periods. 3 credit hours.

R498, R499 Independent Study

Independent investigations of current problems facing the recreation field. These may include the philosophical basis, delivery of services, professional problems, needed research, and certification or licensing. Recreation elective.

1-3 credit hours each semester.

SOCIOLOGY

Sociology deals with the nature and workings of human group life.

A major in sociology is designed to provide preparation for pursuing graduate study and/or entry into vocations where sociological training is desirable (e.g., social agencies, personnel work in business, social planning in governmental agencies, and organizations in which survey research is conducted).

Major requirements are 37 hours of Sociology plus B161 (General Psychology).

An internship is available with local agencies which allows qualified students to apply theory to realistic situations.

Courses in Anthropology and Psychology are available and useful adjuncts to all students in providing an understanding of other cultures.

B185 Introduction to Sociology

Fall-Spring Semesters*

Designed to enable the student to obtain a better understanding of group relations. Consideration is given to the influence of heredity and environment upon individual and group behavior, the examination of institutions, race relations in the United States, and community services. Required of Sociology majors.

3 class periods. 3 credit hours.

* B185 Introduction to Sociology is a prerequisite for all sociology courses.

B206 Drug/Alcohol Addiction

Fall Semester

This course is an introduction to the study of drug and alcohol addiction. It is taught from a behavioral sci-

Course Descriptions

ences perspective, using an holistic approach. By examining some of the many different theories of addiction, the class tries to understand the causes of addiction, and the current treatment and prevention strategies.

3 class periods. 3 credit hours.

B251 Law and Society

Spring Semester

An analysis of the interrelationship between the legal and social order through the utilization of different anthropological and sociological perspectives including functional and conflict theory.

3 class periods. 3 credit hours.

B285 American Social Problems

Fall-Spring Semesters

A study of the contemporary sociological deviations of crime, delinquency, racism, poverty, family and industrial discord with emphasis on relevant experimental data and methods for assessing causes and remedies. Prerequisite: B185.

3 class periods. 3 credit hours.

B286 The Family

Spring Semester

The origin and history of the family; economic, political, and social movements which have affected family life, consideration of contemporary theories, family adjustment, and organization; consideration of practical approach to preparation for marriage, and adjustments.

3 class periods. 3 credit hours.

B290 (B303) Development of Sociological Theory

Fall Semester

An analysis of the historical development of social thought and theory from antiquity to the present. Required of Sociology majors.

3 class periods. 3 credit hours.

B296 (B304) Contemporary Sociological Theory

Spring Semester

A study of the recent developments and main currents in contemporary sociological thought. The principal sociological theorists and their contributions will be analyzed. Required of Sociology majors.

3 class periods. 3 credit hours.

B310 Sociology of Organizations

Fall, odd numbered years

An analysis of organizations as social systems. The structure of organizations, their patterns, and the impact of society on organizations will be examined.

3 class periods. 3 credit hours.

B311 Criminology

Fall-Spring Semesters

An analysis of criminal behavior, criminal law, penal

systems, program of crime control and the operation probation and parole.

3 class periods. 3 credit hours.

B315 Ethnic and Minority Relations

Fall Semester

Analysis of the bases of conflicts, accommodation and assimilation of various ethnic, religious and racial minorities in the United States.

3 class periods. 3 credit hours.

B367 Social Psychology

Spring Semester

Understanding the effect of the social environment and the influence of others on individual behavior. Prerequisite: B161.

3 class periods. 3 credit hours.

B376 Sociology of Religion

Spring, even numbered years

A survey of religious systems and their interrelation with society and its institutions, with emphasis on the social consequences and determinants of religious behavior. Religious movements as well as institutionalized religion will be examined.

3 class periods. 3 credit hours.

B384 Research Methodology

Fall-Spring Semester

The nature of the scientific method and basic research techniques as applied to collection, analysis, and interpretation of data. Required of Sociology majors. Prerequisite: B260.

3 class periods. 3 credit hours.

B387 Human Service Techniques

Fall-Spring Semesters

An analysis and application of skills in client-worker relationships, information gathering, interactional skills, and the referral process.

3 class periods. 3 credit hours.

B388 Urban Sociology

Spring, odd numbered years

A study of the development of modern cities and their impact upon society; discussion of problems connected with urban living. Students use the City of York and York County as special areas for research.

3 class periods. 3 credit hours.

B465 Population Trends

Fall, odd numbered years

A study of population dynamics and their effects on society. Emphasis will be placed on the United States. The topics will be especially relevant to behavioral science, political science, and business majors.

3 class periods. 3 credit hours.

Course Descriptions

BIOLOGICAL SCIENCE DEPARTMENT

Biology
Respiratory Therapy
Health Record Administration
Nuclear Medicine Technology

A four-year program leading to the Bachelor of Science degree in Biology is offered with four tracks. These tracks are:

PRE-PROFESSIONAL TRACK

This track is for students interested in:

- Graduate studies of sub-disciplines of biology.
- Pre-medical students (homeopathic and allopathic), pre-dental, pre-veterinary, chiropractic, podiatry.

BIOTECHNOLOGY TRACK

This track is for students interested in:

- Pharmaceutical lab work.
- Biotechnology labs.
- Testing and quality assurance labs.
- Environmental monitoring.

FIELD TRACK

This track is for students interested in pursuing careers in natural resource agencies for the government, nature centers (county, state, national) or writing in the natural science field.

MARINE SCIENCE TRACK

Students wanting to work at facilities that have public aquaria, e.g., National Aquarium in Baltimore, or wanting to pursue a graduate degree in Marine Science would want to pursue this track.

We offer two Marine Science courses at the YCP campus. As an associate member of the Marine Science Consortium, Wallops Island, Virginia, students have an array of courses to choose from during the Summer sessions. A catalog about the consortium and its courses is available from the Biology department or the Admissions department at YCP.

Marine Science Consortium Application Information

Forms for application are available in the Office of Continuing Studies and the Biology department office. Each course is 3 credits. A student may take only one course per session. Students must register through the Office of Continuing Studies. STUDENTS MUST SUBMIT TWO APPLICATIONS AND PAY TWO SEPARATE FEES. (1) to YCP for tuition and credit and (2) to the Marine Science Consortium for enrollment in course and basic fee of approximately \$435 which covers food and lodging. A \$40 non-refundable application deposit is required and will be applied toward the ba-

sic fee. There is an approximate \$30 damage deposit required at check-in.

These four tracks are popular alternatives. Biology majors are free to choose any combination of our electives to meet their personal and career goals.

A baccalaureate degree is offered in Health Record Administration. These students are prepared to assume positions in health care facilities as managers of health information.

A four year Nuclear Medicine Technology program affords students the opportunity to pursue a nuclear medicine technologist career. Three years are spent at York College followed by a clinical fourth year at one of the affiliated hospitals of the South Central Pennsylvania Consortium for Nuclear Medicine Technology Training.

Respiratory Therapy Certificate and Associate of Science Degree Programs are also available. Clinical aspects of the programs are offered in conjunction with York Hospital.

Pre-professional students in related fields such as medicine, optometry, dentistry, osteopathy, certain paramedical fields and veterinary medicine are able to select courses to satisfy transfer requirements. A Health Professions Committee aids students who have chosen one of these fields.

Equivalence to prerequisites can be obtained through Credit by Examination or written permission of instructor and department chair.

Courses fall into two broad categories:

- A. Non-majors. Courses, all 3 credits, numbered BS100 to 105 and 200 to 209 are designed for students wanting to fulfill part or all of their core science requirements in biology or to take courses for enrichment. Any two of these lecture laboratory courses can substitute for one of the biology electives courses with approval of dept. chair.
- B. Majors. Course number BS111 is designed for majors of biology or related fields. It is a prerequisite for all courses above the 210 level. Non-majors are not restricted from enrollment in these courses.

Courses for Non-Majors

BS100 Fundamentals of Human Biology

Fall-Spring Semesters

Emphasis is placed upon developing a biological awareness of self via the principles and systems approach to organ-systems of man; cellular structure, physiology and reproduction; and the physiochemical basis of life.

2 class periods.

1 three-hour laboratory period.

3 credit hours.

Course Descriptions

BS101 Field Natural History

Fall-Spring Semester

Designed primarily, but not exclusively, for individuals planning to work with people. Education majors, recreation majors and those just interested in the outdoors will find much to stimulate their interests and challenge the intellect. This will be an introduction to the vast natural resources available in the immediate environment, the literature and other resource materials, and some methods for learning about plants, animals and their ecology. Laboratory periods will be spent primarily in the field.

2 class periods.

1 three-hour laboratory period.

3 credit hours.

BS102 Field Biology

Spring Semester/TBA

Outdoor laboratory or related experiences will coordinate with natural history lectures and reading assignments to expose students to broader aspects of selected plant and/or animal groups in their natural ecological setting.

2 class periods.

1 three-hour laboratory period.

3 credit hours.

BS103 Introduction to Marine Biology

Fall Semester

This course will take an ecological approach to studying Marine Biology by focusing on the environmental characteristics, adaptations of organisms, and the communities found in the major marine ecosystems such as rocky shore, estuary, salt marsh, sandy beach, and coral reef. The course will place more emphasis on the biotic communities found in each of these environments rather than the chemical and physical aspects of those environments. Man's influence on these environments will also be studied.

2 class periods.

Laboratory consists of field trips—TBA

3 credit hours.

BS104 Introduction to Oceanography

Spring Semester

This course will cover the major aspects of oceanography. The physical aspects of oceanography will be stressed more than the biological aspects. Areas to be covered will be plate tectonics, currents, tides, wind, waves, light, sound, pressure, mineral resources, and physical features of the ocean bottom. Man's use of the influence on the oceans will also be stressed.

2 class periods.

Laboratory consists of field trip(s)—TBA

3 credit hours.

BS105 Environmental Biology

Fall Semester

Designed for the non-biology major and the biology education major, this course provides an integrated approach to viewing environments. Emphasis will be placed on the ecology of terrestrial ecosystems. Laboratories will be experience-oriented centering on visitations to natural and managed ecosystems.

2 class periods.

1 three-hour laboratory period.

3 credit hours.

BS110 Human Sexuality (Non-Lab—will not serve as a Science Lab in general core)

Fall-Spring Semesters

Human Sexuality is a three-credit, non-laboratory course. It is designed to assist the student to become more aware of and understand how to deal with their own sexuality. It also provides the opportunity to develop more understanding of the integral components of personality and behavior. The course integrates sexuality with the physiological, sociological, intellectual, emotional and spiritual aspects of the whole person.

3 class periods. 3 credit hours.

BS201 Animal Behavior

Spring Semester

An introduction to animal behavior from the naturalist point of view. Current concepts are discussed. Then major behavioral strategies observed in nature and their adaptive values will be examined. Laboratory time will primarily be devoted to (1) observations on a particular animal species of student's choice to identify its basic behavior patterns and (2) discussion of a single work that details behavior of some animal species.

2 class periods.

1 three-hour laboratory period.

3 credit hours.

Courses for Majors in Biology and Related Fields

BS111 Principles of Biology

Fall-Spring Semesters

Designed specifically for the major and related fields to develop an appreciation and understanding of selected basic biological principles.

3 class periods.

1 three-hour laboratory period.

4 credit hours.

BS211 Zoology

Spring Semester

A study of selected animal phyla with an emphasis upon their evolution, taxonomy, behavior, ecology and interactions with man. When practical, live materials

Course Descriptions

and field study will supplement laboratory study. Prerequisite: BS111.

3 class periods.

1 three-hour laboratory period.

4 credit hours.

BS212 Human Anatomy and Physiology **Fall Semester**

Recommended for students seeking careers in health related fields. A study of the structure and function of the human body utilizing a systems approach. Emphasis will be placed on the gross and microscopic anatomy as well as the physiology of the cell, skeletal system, muscular system and nervous system. Prerequisite: BS111.

3 class periods.

1 three-hour laboratory period.

4 credit hours.

BS213 Human Anatomy and Physiology **Spring Semester**

A continuation of BS212. Emphasis will be placed on the gross and microscopic anatomy as well as the physiology of the cardiovascular, respiratory, urinary, reproductive, endocrine and digestive systems. Prerequisite: BS212.

3 class periods.

1 three-hour laboratory period.

4 credit hours.

BS221 Botany **Fall Semester**

An introduction to the evolution, structure, function, ecology and classification of non-vascular and vascular plants. Cellular, tissue and physiological principles will be stressed. Prerequisite: BS111.

3 class periods.

1 three-hour laboratory period.

4 credit hours.

BS222 Plant Taxonomy and Seasonal Flora **Mini-semester**

A study of the flowering plants of southeastern Pennsylvania with emphasis upon collection, identification and ecological relationships.

3 class periods.

1 three-hour laboratory period.

4 credit hours.

BS241 Microbiology **Fall-Spring-Summer**

An introduction to general microbiology for allied health, nursing and biology majors. Topics include the morphology, physiology, metabolism, taxonomy and genetics of microorganisms. The theoretical and practical aspects of bacterial containment and immunology

will be covered. Virology, disease processes and applied areas are covered as time permits. Prerequisite: BS111 or departmental approval.

3 class periods.

1 three-hour laboratory period.

4 credit hours.

BS242 Genetics **Spring Semester**

The basic principles of genetics-chromosome theory, mechanisms and heredity; the chemistry and interactions of nucleic acids and proteins; gene action and control of cytodifferentiation and development. Prerequisite: BS111.

3 class periods.

1 three-hour laboratory period.

4 credit hours.

BS301 Animal Physiology **Fall Semester**

Principles of animal physiology are investigated with an emphasis on the vertebrates. Physiological systems are discussed as evolutionary adaptations to environmental challenges. The laboratory stresses "hands on" experiences with several different species and physiological systems. Prerequisite: BS111 and one year of chemistry.

3 class periods.

1 three-hour laboratory period.

4 credit hours.

BS302 Immunology **Spring Semester**

An introduction to the broad field of immunology, including topics such as immunity, serology, immunchemistry and immunobiology. Prerequisite: BS111, BS241.

3 class periods.

1 three-hour laboratory period.

4 credit hours.

BS311 Advanced Zoology **To be announced**

The classification, ecology, physiology and distribution of selected animal groups will be studied in some detail. Laboratory will be taxonomically oriented indoors and ecologically oriented outdoors with emphasis placed on Pennsylvania taxa. Prerequisite: BS211.

3 class periods.

1 three-hour laboratory period.

4 credit hours.

BS321 Advanced Botany **To be announced**

A study of selected principles of plant physiology and their application to the laboratory study of selected plant organisms. Also, a study of variation in structure

Course Descriptions

and form of the major plant groups (nonvascular, vascular) with emphasis placed on life cycles of selected organisms. Prerequisite: BS221.

3 class periods.

1 three-hour laboratory period.

4 credit hours.

BS322 Plant Morphology

To be announced

A study of variation in structure and form of the major plant groups (nonvascular, vascular) with emphasis placed on life cycles of selected organisms. Prerequisite: BS111, BS221.

3 class periods.

1 three-hour laboratory period.

4 credit hours.

BS331 Terrestrial Ecology

Spring, odd numbered years

What are the major natural land ecosystems of Pennsylvania, North America, and the World? What are the principal ecological forces shaping these ecosystems? What has man's effect been on these forces? What do the plants and animals of an ecosystem reveal about that ecosystem? The answers to these questions will form the basis for this course with the last question being addressed in the field experiences. Prerequisite: BS211, BS221 and MAT250.

3 class periods.

1 three-hour laboratory period.

4 credit hours.

BS342 Applied Aquatic Ecology

Spring, even numbered years

An introduction to the organisms characteristic of freshwaters with an emphasis on macroinvertebrates and fishes. Experiences in field and laboratory techniques of collection, identification and preservation will be related to practical application to gain understanding of the total aquatic community under both natural evolution and the influence of man. Prerequisite: BS211, BS221, and MAT250.

3 class periods.

1 three-hour laboratory period.

4 credit hours.

BS402 Biochemistry

Fall Semester

An introduction to the molecules of biological significance, with emphasis on molecular control processes, energetics, and biochemical methodology. Aspects of nutrition and metabolic diseases are included. Prerequisite: BS111, CHM131, CHM132, CHM112 or CHM231.

3 class periods.

1 three-hour laboratory period.

4 credit hours.

BS411 Practical Biological Internship

By arrangement

Designed to expose the student to the reality of a biological field through direct participation. This may involve experience as a lab assistant, assistance with the research of a faculty member, or participation in off-campus workshops or employment. Prerequisite: Departmental approval.

1 to 4 credit hours.

BS412 Seminar in Biology

Fall Semester

This capstone course involves an in-depth study of some topic in biology. The student selects, designs, executes, and presents, in both written and oral form, the results of study to his peers and the department. Lectures deal with major literature of biology and its use, the conveying of information to others, curriculum vitae preparation and other pertinent topics. A second track will allow biology education majors an opportunity to work with a fully certified high school biology teacher for a portion of the semester. BSCS series will be explored and various teaching methods will be demonstrated. Prerequisite: Departmental approval.

1 three-hour class period.

3 credit hours.

BS413, BS414 Undergraduate Research

By arrangement

Individual problems pursued by qualified students under supervision of a member of the biology faculty, designed to develop proficiency in biological research. Meetings and credits to be arranged as required.

Two semesters.

1-3 credit hours per semester.

BS421 Advanced Seasonal Flora

Mini-mester

Advanced Seasonal Flora is intended for those students who have completed one semester of Seasonal Flora at York College or its equivalent from another institution. Emphasis will be placed on collecting, identifying, and making herbarium vouchers of local flora. Prerequisite: BS222 or permission of instructor.

3 class periods.

1 three-hour laboratory period.

4 credit hours.

Health Record Administration

The Health Record Administration Program prepares the student for a professional career in a variety of health care settings as a manager of health information. The Health Record Administrator is responsible for the development and maintenance of a multifaceted health record system that is capable of providing the

Course Descriptions

data needed by the Patient, Health Care Professionals, Administration, the Community, Medical Researchers and Educators.

Admission to York College does not guarantee admission to the Health Record Administration Program. Class size is limited and entrance into the professional courses will be granted to those students who have earned a cumulative grade point average of 2.5 or better, a minimum 2.0 in each of the supporting courses and have demonstrated qualities essential to this health care field. Special application is made to the Health Record Administration Program after completion of five (5) semesters of college work or one semester at York College for transfer students with an Associate Degree. An admissions committee will review these applications according to the above stated criteria and notify the student prior to the beginning of the spring semester of the junior year.

Transfer students and applicants with degrees in other fields are encouraged to apply. These students must have completed a 2 semester course in Anatomy and Physiology and a Microbiology course as well as required supporting courses, prior to beginning the clinical portion of the Health Record Administration Program.

All didactic courses will be taught at the York College campus. Clinical experiences are offered through supervised affiliation assignments at area hospitals and other health care institutions. Students are responsible for travel to and from these sites as well as expenses incurred during the clinical experiences.

The Health Record Administration Program is accredited by the American Medical Association Committee on Allied Health Education and Accreditation in collaboration with the American Medical Record Association. Following satisfactory completion of all courses required, the student will be awarded the degree of Bachelor of Science in Health Record Administration. Graduates will be eligible to write the registration examination of the American Medical Record Association.

HR100 Orientation to Health Record Administration

Fall Semester

The course is designed to give the student a basic understanding of the responsibilities, professional relationships, future trends, and career opportunities within Health Record Administration.

1 class period. 1 credit hour.

HR215 Medical Terminology **Fall-Spring Semesters**

The course is designed to enable the student to accurately spell and define common medical terms related to major disease processes, diagnostic procedures,

laboratory tests, abbreviations, drugs, and treatment modalities.

3 class periods. 3 credit hours.

HR310 Directed Practice I **Mini-semester**

This is a supervised learning experience that enables the student to become aware of the services and clerical functions of the medical record department. The student learns to work with the personnel of the medical record department and is also exposed to the significance of the health record.

60 clinical hours. 1 credit hour.

HR312 Organization and Administration of Health Care Facilities

Spring Semester

The role of the hospital in health care delivery. An overview of the health care delivery system in the U.S. today including the history, current trends and future goals is the focus of this course. The role of the hospital in health care as well as objectives and organizational structure of various health care facilities is emphasized. Guest lectures by prominent local health care professionals are an integral part of this course.

3 class periods. 3 credit hours.

HR313 Health Record Science **Spring Semester**

The historical background and value of the health record; health record content and format; numbering and filing systems; retention requirements; health record accreditation standards; and various health record processing functions are studied.

3 class periods. 3 credit hours.

HR315 Quality Assurance in Health Care **Fall Semester**

This course introduces the development, philosophy and purpose of quality assurance in health care, discusses principles and techniques of utilization review and medical audit, and interprets PRO and JCAH regulations as they apply to quality assurance activities.

2 class periods. 2 credit hours.

HR409 Directed Practice II **Fall Semester**

The course gives the student exposure to the technical and professional functions of the medical record department through supervised assignments at medical record departments in the area. The formation of the health record in various departments is observed.

120 clinical hours. 2 credit hours.

HR410 Directed Practice III **Spring Semester**

The course exposes the student to health records in other types of facilities such as long term care facilities,

Course Descriptions

mental health centers and home care programs. Other student assignments are structured so that experience is gained in health record practice studied in the classroom.

60 clinical hours. 1 credit hour.

HR411 Health Record Management Affiliation Spring Semester

This course is a 6-week planned and supervised work experience with a registered record administrator of an affiliated medical record department, for the purpose of gaining experience in department management.

4 credit hours.

HR412 Health Record Management Fall Semester

This course presents an integration of basic health record science principles with the fundamental management process of planning, organizing, controlling and staffing. The student is given an opportunity to develop management skills by designing a medical record department, role-playing, case studies and management projects.

4 class periods. 4 credit hours.

HR413 Health Classifications, Indexes, and Registers

Fall Semester

Principles and techniques of health record practices related to coding and indexing of diseases and operations, with ICD-9-CM and assignment of diagnosis related groups are studied.

3 class periods. 3 credit hours.

HR414 Health Statistics and Research Spring Semester

Principles and techniques of health statistics, Vital and Public Health statistics; sources, definition, collection, and reporting of statistics; presentation and qualitative analysis of data; sources and uses of health data in the United States; research methodologies are explored.

3 class periods. 4 credit hours.

HR415, HR416 Fundamentals of Medical Science Fall/Spring Semester

An introductory course to medical science, emphasizing the disease processes affecting the human body via an integrated approach to specific disease entities, including the study of causes, diagnosis and treatment of diseases.

3 class periods. 3 credit hours/semester.

HR417 Legal Concepts for the Health Field Fall Semester

This course introduces the law, administration of the law, legal aspects of hospital and medical staff organization, release of information and legal actions requiring

evidence from health records, confidential communication, and consents and authorizations.

3 class periods. 3 credit hours.

HR418 Health Record Administration Seminar Spring Semester

A course focused upon the integration of all aspects of the student's health record experience. Selected topics are discussed as they relate to the identification, evaluation, and solution of various types of professional and administrative problems encountered by the health record administrator. Principles related to CPT coding will be studied.

2 credit hours.

HR419 Health Records in Specialized Health Care Facilities

Spring Semester

Exploration of the different techniques and systems of health record practices in long term care facilities, psychiatric institutions, ambulatory care settings, physician offices, and home care programs is undertaken.

1 class weekly. 1 credit hour.

HR420 Systems Analysis Spring Semester

The course is intended to develop an understanding of basic system concepts of fact gathering, recording, fact analysis techniques as well as implementation and managing system changes.

1 class period. 1 credit hour.

HR427 Health Information Systems Spring Semester

Data processing systems and applications of automated techniques to the handling of information in health care institutions are studied with emphasis on needs of health record services.

3 class periods. 3 credit hours.

HR498 Independent Study

This course is designed to give the student an opportunity to undertake a well-defined research project or management affiliation of his or her choice. The student would conduct his work under a faculty member.

1-3 credits.

Nuclear Medicine Technology

The Nuclear Medicine Technology Major will prepare the Student for a professional career as a nuclear medicine technologist. Nuclear medicine is a specialty area of medical practice that uses radioactive substances and special sensitive instrumentation to help diagnose and treat certain diseases. This specialty is directed by a nuclear physician who has received added training beyond medical school in the proper use and handling of radioactive substances. The nuclear medi-

Course Descriptions

cine technologist is an individual who has received special training to perform the many patient procedures which will assist the nuclear physician in his diagnosis and treatment. The individual is trained in the special instrumentation used to perform body function studies, imaging procedures, and special laboratory tests done on various body fluids (such as blood samples). Upon successful completion of the program and the registry examination of Nuclear Medicine Technology, the individual is certified as a Nuclear Medicine Technologist.

Students pursuing the Bachelor of Science Degree in Nuclear Medicine Technology will spend three years at York College followed by a Clinical year at one of the affiliated hospitals of the South Central Pennsylvania Consortium for Nuclear Medicine Technology Training.* Admission to York College does not guarantee admission to the hospital Clinical year. Students will follow the prescribed courses of study for the first three years at the College. The student must earn a minimum of "C" in each of the required supporting courses and nuclear medicine technology major courses with an average of 2.3 in science and mathematics as well as a cumulative grade point average of 2.3 in order for the College to recommend the student for the Clinical year. At the beginning of the Spring semester of the junior year the student will make application for the Clinical year through the Coordinator of Allied Health at the College. The Coordinator of Allied Health will present applications and transcripts of all students' records who are applying for the Clinical year to the Advisory Committee of the Consortium. The Advisory Committee will decide which students can be accepted into the Clinical year and will also designate the hospital assignment. The students will be notified when the selection process is completed. The students will then be required to complete application to the specific hospital with all necessary forms and payment of preliminary fees.

The Clinical year begins in August and is twelve months in duration. Four days per week are devoted to clinical practice and one day per week is spent in classroom instruction. This may involve commuting one day a week to one of the affiliated hospitals.

Upon successful completion of the Nuclear Medicine Technology Program a Bachelor of Science degree in Nuclear Medicine from York College and a Certificate in Nuclear Medicine Technology from the Consortium will be awarded. This qualifies the individual to take one of the three national registry examinations** in order to become a Certified Nuclear Medicine Technologist.

In addition, an individual with Special Training from another field or another degree such as Medical Technology, Nursing, Biology, etc., may apply for the Clinical year as a student with advanced status. This individual would receive a certificate after successfully

completing the program and would also be eligible to take one of the national registry examinations for Certified Nuclear Medicine Technologists.

- * The affiliated hospitals are Harrisburg Hospital, Lancaster General Hospital, York Hospital and Memorial Hospital.
- ** Nuclear Medicine Technology Certification Board (NMTCB), American Registry of Radiologic Technologists (ARRT), American Society of Clinical Pathologists Registry Exam (ASCP).

NM101 Nuclear Medicine Theory

This course reviews the history of nuclear physics, structure of matter, atomic radiation processes, interactions of radiation with matter, and radiation biology. In addition to lectures, seminars, assigned reading, and audiovisual programs are included.

4 credit hours.

NM102 Nuclear Medicine Theory

This course reviews Nuclear Medicine instrumentation, computer applications, and radiopharmaceuticals. In addition to lectures, seminars, assigned reading and audiovisual programs are included. Prerequisite: NM101.

4 credit hours.

NM111 Nuclear Medicine Applied Theory

These lectures review the applications of the theoretical concepts of physics to the performance of studies, safety requirements, NRC rules and regulations, and administration and management of a nuclear medicine department.

1 credit hour.

NM112 Nuclear Medicine Applied Theory

Continuation of NM111. Prerequisite: NM111.

1 credit hour.

NM113 Nuclear Medicine Applied Theory

Continuation of NM112. Prerequisite: NM112.

1 credit hour.

NM121 Nuclear Medicine Clinical Applications

All nuclear medicine studies (in vivo and in vitro) are reviewed in detail. This includes review of mathematical concepts, statistics and the application of nuclear medicine to the diagnosis and treatment of disease.

2 credit hours.

NM122 Nuclear Medicine Clinical Applications

Continuation of NM121.

2 credit hours.

NM123 Nuclear Medicine Clinical Applications

Continuation of NM122. A field trip to Penn State University, Breazeale Nuclear Reactor Facility, University Park, PA, is conducted in the spring of each year.

2 credit hours.

Course Descriptions

NM131, NM132, NM133 Nuclear Medicine Practicum

Preceptorial instruction in theory, practical aspects, calculations and techniques of studies performed in nuclear medicine laboratories will be provided in rotation:

a. In Vitro	8 weeks
b. Uptake unit & rectilinear scanner	8 weeks
c. Gamma Cameras and computer	16 weeks
d. Radiochemistry	8 weeks
e. Patient evaluation & Administration	8 weeks
f. Elective	2 weeks
13 credit hours.	

Respiratory Therapy

The Respiratory Therapy Programs prepare the student for a professional career as a respiratory technician or a respiratory therapist. Respiratory therapy is an allied health specialty instrumental in the diagnosis, treatment, management, and preventive care of patients with cardiopulmonary problems. Often defined as the fastest growing allied health profession, respiratory therapy offers persons interested in caring for others an opportunity to serve as vital members of the health care team.

Applicants to the respiratory therapy programs must have graduated from high school or have earned a state equivalency diploma and must exhibit evidence of a strong background in a college preparatory program. A minimum "C" average is required in high school biology, chemistry and algebra. Applicants must tour a respiratory therapy department. Applicants will be asked to attend an interview with the Respiratory Therapy Program Director, Clinical Coordinator, or Medical Director. Size of the classes is limited. Transfer students will be considered for admission to the program on an individual basis.

Respiratory Therapy students should be prepared for expenses in addition to those identified as tuition, fees, and room and board costs. Most additional expenses relate to costs for uniforms, supplies such as stethoscope, medical insurance, text books, membership in professional organizations and other supplies.

Classroom, laboratory, and clinical facilities at the York Hospital will be utilized for the respiratory therapy courses. Students will also receive clinical education at secondary clinical affiliates. Students will be responsible for their own transportation to and from respiratory therapy classes, laboratories, and clinical experience.

Successful completion of the Respiratory Technician Program qualifies the individual to take the Certified Respiratory Therapy Technician (CRTT) examination administered by the National Board for Respiratory Care (NBRC). Successful completion of the

Respiratory Therapist Program qualifies the individual to take the CRTT and Registered Respiratory Therapist (RRT) examinations administered by the NBRC. "Successful completion" is defined as a minimum of a "C" or better in all courses.

The clinical courses in respiratory therapy may not be scheduled according to conventional semester scheduling and may include clinical scheduling during evenings, nights, and weekends.

Both the respiratory technician and respiratory therapist programs are fully accredited by the American Medical Association.

Three Respiratory Therapy programs are available at York College: a Respiratory Technician Certificate program, an Associate of Science Respiratory Therapist program, and a Bachelor of Science Respiratory Therapist program.

RT100 Basic Science for Respiratory Therapy

A survey of basic scientific principles as applied to the practice of respiratory therapy. Included are respiratory terminology, scientific measure, fluid physics, gas physics, basic electricity, chemical and physical properties of matter, basic genetics, basic microbiology, respiratory therapy equipment cleaning and sterilization. Pre- or Corequisite: MAT105, BS111.

3 credit hours.

RT105 Medical Terminology for Health Professions

An introduction to medical terminology including prefixes, suffixes, roots, and abbreviations. Also included are use of medical dictionaries and the format of the patient chart.

1 credit hour.

RT110 Oxygen Therapy and Cardiopulmonary Resuscitation

An overview of the history of respiratory therapy and the professional organizations related to respiratory therapy. A comprehensive study of oxygen delivery devices, oxygen analysis, cardiopulmonary resuscitation, and artificial airways. This course includes certification in Basic Cardiac Life Support by the American Heart Association. Prerequisite: RT100. Corequisite: RT115, RT120, RT130.

3 credit hours.

RT115 Bronchopulmonary Hygiene

An overview of respiratory anatomy, physiology, and pathophysiology. A comprehensive study of aerosol and humidity therapy, pharmacology of aerosolized medications, chest physical therapy, intermittent positive pressure breathing, and rehabilitation and home care of the respiratory patient. Also included is an introduction to physical examination of the chest and chest x-ray interpretation. Prerequisite: RT100. Corequisite: RT110, RT120, RT130.

3 credit hours.

Course Descriptions



RT120 Mechanical Ventilation

A comprehensive study of the physiology of positive pressure breathing, the design and function of continuous mechanical ventilators, techniques of continuous ventilation, and monitoring of the patient receiving continuous ventilation. Prerequisite: RT100, MAT105, RT110, RT115, RT130.

4 credit hours.

RT125 Pulmonary Function Testing and Interpretation

A study of pulmonary diagnostic procedures including spirometry, lung volumes, diffusing capacity, response to bronchodilator and bronchial challenge. Also included is an introduction to exercise testing, fiberoptic bronchoscopy, and sleep studies. Prerequisite: RT100, RT105, RT110, RT115, RT120, RT130.

2 credit hours.

RT130 Pulmonary Diseases

A comprehensive study of diseases of the respiratory system, and the pharmacologic treatment of pulmonary diseases.

3 credit hours.

RT135 Pediatric Respiratory Therapy

An introduction to fetal development, evaluation of the newborn, and cardiopulmonary diseases of infants and children. A comprehensive study of airway management, bronchopulmonary hygiene, continuous positive airway pressure, and mechanical ventilation of the pediatric patient. Prerequisite: RT100, RT105, RT110, RT115, RT120, RT130.

2 credit hours.

RT150 Clinical Practice I

An orientation to the hospital and departments related to respiratory therapy. An introduction to respiratory therapy clinical practice (may include evening rotations). Clinical competence in bland aerosol, chest physiotherapy, aerosol therapy with medications, in-

centive spirometry, oxygen therapy. Corequisites: RT110, RT115, RT130.

1 credit hour.

RT160 Clinical Practice II

Clinical practice in respiratory therapy including rotations through general therapy procedures, critical respiratory care, and pulmonary function testing (may include evening rotations). Clinical competence in IPPB, induced sputum, air compressors, ultrasonic nebulizers, oxygen analysis, cuff pressure measurements, Leukens Trap, oxygen titration, isolation procedures, secure endotracheal tube, suction through airway. Prerequisite: RT150. Corequisite: RT120, RT125.

2 credit hours.

RT210 Evaluation of the Patient with Pulmonary Disease

A comprehensive study of pulmonary evaluation techniques including pulmonary history, chest physical diagnosis, pulmonary function interpretation, arterial blood gas interpretation, and chest x-ray interpretation. Special emphasis on patient response to respiratory therapy with particular attention to goals of therapy, delivery of therapy, and evaluation of response to therapy. Prerequisite: Completion of freshman year RT program or permission of instructor.

2 credit hours.

RT250 Clinical Practice III

Clinical practice in respiratory therapy including rotations through general therapy procedures (including limited evening, weekend, and night rotations), critical respiratory care, pulmonary function testing, secondary clinical affiliates, clinical laboratory and anesthesia. Clinical competence in cardiopulmonary resuscitation, initiation of therapy, tracheal intubation, arterial blood gas puncture and analysis, ventilator monitoring, ventilator circuit change, bedside parameters for weaning, extubation, oxygen tents, post-op respiratory care, nasotracheal suction, infant CPAP, infant ventilator set-ups, adult ventilator set-ups, IMV, PEEP/CPAP, transport, pulmonary function testing, respiratory equipment cleaning and maintenance. Prerequisite: RT120, RT125, RT135, RT160.

4 credit hours.

RT255 Clinical Practice IV

Clinical practice in respiratory therapy including rotations through general therapy procedures (may include evening rotations), critical respiratory care, and pulmonary function testing. In addition to application, emphasis will be placed on patient evaluation and determination of appropriateness of therapy. Clinical competency in cardiopulmonary resuscitation, arterial blood gas puncture and analysis, ventilator monitoring, ventilator circuit change, oxygen tents, spirometry. Prerequisite: RT120, RT125, RT160. Corequisite: RT210.

1 credit hour.

Course Descriptions

RT260 Clinical Practice V

Clinical practice in respiratory therapy including rotations through general therapy procedures, clinical respiratory care, and pulmonary function testing (may include evening rotations). In addition to application, emphasis will be placed on patient evaluation and determination of appropriateness of therapy. Clinical competence in initiation of therapy, bedside spirometry, nasotracheal suction, IMV, weaning from mechanical ventilation. Prerequisite: RT255.

1 credit hour.

RT270 Clinical Practice VI

Clinical practice in respiratory therapy including rotations through general therapy procedures (may include evening rotations), critical respiratory care, and pulmonary function testing. In addition to application, emphasis will be placed on patient evaluation and determination of appropriateness of therapy. Clinical competence in initiation of therapy, lung volumes determination, PEEP/CPAP, extubation, post-op respiratory care. Prerequisite: RT320, RT260.

1 credit hour.

RT280 Clinical Practice VII

Clinical practice in respiratory therapy including rotations through general therapy procedures (including limited evening, weekend, and night rotations), critical respiratory care, pulmonary function testing, secondary clinical affiliates, clinical laboratory, anesthesia, and respiratory therapy management and education. Clinical competence in adult ventilator set-up, infant ventilator set-up, patient transport with mechanical ventilation, exercise testing, methacholine challenge testing, lung diffusion testing, respiratory equipment cleaning and maintenance. In addition to application, emphasis will be placed on patient evaluation and determination of appropriateness of therapy. Prerequisite: RT330, RT135, HR312, RT270. Prerequisite or Corequisite: RT240.

3 credit hours.

RT320 Pulmonary Physiology

A comprehensive study of pulmonary physiology with special emphasis on clinical application of physiologic principles. Also included are the influences of pulmonary and renal physiology on acid base balance, and neurologic aspects of respiratory care. Prerequisites: BS212, BS213, completion of 100 level respiratory therapy courses, or permission of instructor.

3 credit hours.

RT330 Cardiac Physiology

A review of cardiac physiology and cardiac disease and a comprehensive study of the EKG and pharmacologic treatment of cardiac disease. Special emphasis will be placed on the interrelationship of cardiac and pulmonary disease. Prerequisites: BS212, BS213, comple-

tion of 100 level respiratory therapy courses, or permission of instructor.

2 credit hours.

RT350 Clinical Practice VIII

This is a clinical practice course in respiratory therapy including rotations through general therapy procedures and critical respiratory care. Special emphasis is placed on neonatal care and hemodynamic monitoring with clinical competence evaluation in neonatal respiratory care and hemodynamic monitoring techniques. Prerequisites: RT320, RT330, or permission of instructor.

1 credit hour.

RT410 Independent Study in Respiratory Therapy

This course is designed to allow the student an opportunity to participate in a research project or clinical affiliation of his/her choice. This project is conducted under the direction of a faculty member. Prerequisite: Completion of the junior year of the respiratory therapy program or permission of the instructor.

1 credit hour.

RT415 Clinical Practice IX

This is a clinical practice course in respiratory therapy including rotations through general therapy procedures, critical respiratory care, and pulmonary function testing. In addition to required clinical rotations, the student will be allowed the opportunity to select clinical rotations of individual interest. Prerequisites: RT350 or permission of instructor.

1 credit hour.

RT420 Clinical Practice X

A continuation of RT415.

Prerequisites: RT415 or permission of instructor.

1 credit hour.

RT450 Respiratory Therapy Seminar

This course is designed to integrate all aspects of the student's respiratory therapy experience. Selected topics are discussed as they relate to respiratory therapy practice. Students present patient case studies, review current journal articles, and present a research paper. Prerequisites: completion of the junior year of respiratory therapy or permission of the instructor.

2 credit hours.

DEPARTMENT OF BUSINESS ADMINISTRATION

The Department of Business Administration accepts all students who are first admitted to the College. The business curricula are designed to provide students with education to prepare them to make sound judgments as they enter the business community.

Course Descriptions

The Department of Business Administration offers baccalaureate degree programs in Accounting, Business Education, Economics and Finance, Information Systems, Management, Marketing and Office Administration. Minors may also be earned in many of these programs. Associate degree programs are offered in Business Administration, Computer Programming, Retailing, and programs in the Secretarial Specialist area: Executive, Legal, and Medical.

Normally, a student will take a minimum of 24 semester credits in the major subject for a baccalaureate degree (15–18 credits are required for a minor) and 15 credits for associate degree. Each major program also has some requirements for supporting courses outside the major subject. In some cases these departmental requirements also serve to fulfill the general college requirements. Each student should consult with the assigned faculty advisor every semester and review the program requirements and progress towards graduation.

Enrollment in 300-400 level business courses is restricted to students of at least junior status unless specifically exempted by the requirements in a particular program or the instructor of the course. In general, all required 100-200 level courses in English and Communications, Mathematics, Statistics, Economics, Accounting and Computer Information Systems must be completed before enrolling in 300-400 level business courses unless specifically exempted by the faculty advisor.

Credits transferred from a two-year institution will normally not be accepted as satisfying 300-400 level business course requirements unless verification of competency is achieved. This verification, as determined by the chair, advisor or program coordinator, may require satisfactory completion (a "C" or better) in a higher level course in the same or similar area or credit-by-examination. In all transfer cases at least four major courses, as determined by the advisor or program coordinator, must be completed at York College.

General Business Courses

QBA260 Business Statistics (M260)

Fall-Spring Semesters

An introductory course in statistics. Coverage includes probability and probability distributions, descriptive statistics, and interval estimation of means and proportions. Prerequisite: MAT105 or equivalent.

3 class periods. 3 credit hours.

QBA310 Quantitative Analysis for Management Decisions (M310)

Fall-Spring Semesters

Application of management science mathematical modeling techniques to retain problems. Survey includes models of decision making under uncertainty, linear

programming, inventory control and network analysis. Computer applications are included. Prerequisite: MAT120 and QBA260 or equivalents.

3 class periods. 3 credit hours.

QBA320 Statistical Analysis for Management Decisions (M364)

Fall-Spring Semester

An extension of M260 which emphasizes the application of statistical techniques to management decision problems. Coverage includes analysis of multivariate variance regression, time-series analysis and selected non-parametric methods. Prerequisite: MAT120 and QBA260 or equivalent.

3 class periods. 3 credit hours.

BUS218 Personal Finance (M218)

Fall-Spring Semesters

This course is designed for all students. Methods are developed for use in making personal decisions about credit, leasing, renting, insurance, investing, taxes, retirement and estate planning, and purchasing durable goods. (May not be used as a business elective for business majors and minors.)

3 class periods. 3 credit hours.

BUS345 Business Law I—The Legal Environment (M345)

Fall-Spring Semesters

A study of the legal environment of business, business ethics, courts, the Constitution, torts, criminal law, intellectual property law, contracts, domestic and international sales law, commercial paper, banking and selected articles from the Uniform Commercial Code.

3 class periods. 3 credit hours.

BUS346 Business Law II—The Regulatory Environment (M346)

Fall-Spring Semesters

A study of creditors' rights and liabilities, bankruptcy, law of agency, franchise, partnerships, corporations and ethics, government regulations, personal property, bailments, real property, landlord-tenant relationships, insurance, wills/estates, professional liability, and the international legal environment. Prerequisite: BUS345.

3 class periods. 3 credit hours.

BUS495 Business Policy (M490)

Fall-Spring Semesters

A capstone course that examines the policy-making and planning process from the management perspective. Case studies and a computer assisted business simulation are used to convey an understanding of the interdependence of management functions in overall policy-making decisions. Attention is given to various types of organizations including international operations. Prerequisite: Senior standing.

3 class periods. 3 credit hours.

Course Descriptions

BUS498, BUS499 Independent Study (M498, M499)

The Independent Study Program affords an opportunity for the student who wishes to undertake a well-defined research project. While the student conducts his work under the guidance of a faculty member of his own choosing, the project is carried out in an independent manner without regular class meetings. Effective independent study is characterized by a reduction in formal instruction and an increase in the individual student's responsibility and initiative in the learning process. 1-3 credit hours each semester.

Accounting

The accounting program within the Department of Business Administration provides the academic background for students entertaining accounting as a career field. The knowledge, skills, and techniques learned are used by our graduates working for CPA firms, private industry, and governmental agencies. In recognition of the evolving nature of the accounting professions, the accounting program undergoes a constant review so that a judicious blend of general business and advanced training in accounting is received by the student.

The development of a 150-credit hour program for those wishing to sit for the CPA exam under the new rules to take effect in the year 2000 is nearing completion. This program will provide the student with options to tailor the program to meet their individual needs.

ACC210-ACC215 Elementary Accounting (M203-M204)

Fall-Spring Semesters

An introduction to the principles and concepts of accounting. The first semester's work covers the complete accounting cycle, including preparation of financial statements. In the second semester, basic concepts, partnerships, corporations, systems, and accounting controls are studied.

3 class periods. 3 credit hours each semester.

ACC300 Cost Accounting I (M350)

Fall Semester

Basic cost accounting principles and procedures are studied. Overhead distribution and cost control applications, as well as budgetary forecasting and standard costs. Prerequisite: ACC210.

3 class periods. 3 credit hours.

ACC305 Taxation I (M305)

Fall Semester

An introduction to Federal, state and local taxation. Class work regularly includes preparation of principal tax reports, and analysis of the IRS code, state and local tax laws, and regulations. Prerequisite: ACC210 or permission of the instructor.

3 class periods. 3 credit hours.

ACC320 Intermediate Accounting I (M301)

Fall-Spring Semesters

Study of the development of accounting principles and professional practice, statement of income and retained earnings, balance sheet, applications of present and future values, cash and short-term investments, receivables, inventories, current liabilities and contingencies. Prerequisite: ACC215.

3 class periods. 3 credit hours.

ACC325 Intermediate Accounting II (M302)

Fall-Spring Semesters

Topics included: Acquisition and disposal of plant assets, depreciation and depletion, intangible assets, long-term investments, long-term debt, stockholders equity, stock rights, warrants, options, convertible securities, treasury stock, earnings per share. Prerequisite: ACC320.

3 class periods. 3 credit hours.

ACC330 Intermediate Accounting III (M307)

Fall-Spring Semesters

Topics included: pension plans, leases, income taxes, accounting changes, statement of changes in financial position, analysis of financial statements, accounting for inflation, full disclosure in financial reporting, review of the latest FASB Statements and Interpretations. Prerequisite: M302.

3 class periods. 3 credit hours.

ACC375 Cost Accounting II (M351)

Spring Semester

A further study of Cost Accounting and its use as a tool of management. The course stresses the analysis and presentation of accounting data for use by management in decision making and planning. Subject area to cover includes cost allocation, inventory planning and control, joint-produced costs and by-product costs, cost behavior patterns, and sales and production mix. Prerequisite: ACC300.

3 class periods. 3 credit hours.

ACC380 Microcomputer Accounting Applications (M390)

Fall-Spring Semesters

This course will study the use of an electronic spreadsheet to solve intermediate, cost, and advanced accounting problems. Emphasis will be on the design and construction of the worksheet models. The use of macros to automate data entry and automated general ledgers are included. Prerequisites: IFS105, ACC300 and ACC320.

3 class periods. 3 credit hours.

ACC395 Taxation II (M306)

Spring Semester

A study of the Internal Revenue Code, IRS Regulations & U.S. court decisions as they relate to corporations,

Course Descriptions

partnerships, trusts, gifts and estates. Tax planning and the effect of the tax law on business decisions is emphasized. Research will be required to demonstrate student's ability to research current tax issues and present same in a written report. Prerequisite: ACC305.

3 class periods. 3 credit hours.

ACC410 Auditing (M403)

Spring Semester

A study of audit principles and current procedures, including special techniques in the prevention and detection of fraud, preparation of audit reports and working papers, and internal audit methods. Special attention is given to ADP audit procedures, preparation of audit programs, and AICPA requirements with respect to certification. Prerequisite: ACC320 or permission of the instructor.

3 class periods. 3 credit hours.

ACC420 Advanced Accounting (M401)

Fall Semester

A continuing study in depth of accounting principles and current concepts in which theory and practice are reconciled. Subjects include business combinations and consolidations. Prerequisite: ACC330.

3 class periods. 3 credit hours.

ACC425 Advanced Accounting II (M404)

Spring Semester

A continuing in-depth study of accounting principles and current concepts. Subjects included are consolidations, special problems, governmental units, non-profit organizations, multinational enterprises, and fiduciaries. Prerequisite: ACC420.

3 class periods. 3 credit hours.

ACC490, ACC491 Accounting Internship (M405, M406)

Fall-Spring Semesters

Planned and supervised work experience at selected cooperating firms. Supplementary training conference, reports and appraisals. Prerequisite: Junior standing and departmental approval of each student participant's individual program. The program requires approximately ten hours per week for twelve weeks. Grading will be Pass/Fail.

3 credit hours each semester.

Business Education/Office Administration/Secretarial Studies

Business Education (Baccalaureate degree)

The Business Education major prepares teachers in business and office education subjects for employment in middle and high schools, vocational technical schools, and private business schools. Our program is authorized by the Department of Education of the Commonwealth of Pennsylvania. A student who com-

pletes the program and is evaluated by the faculty as a competent beginning teacher will be recommended by the College for a teaching certificate which is granted by the Commonwealth of Pennsylvania. Specialized competencies must be developed by all students in Office Technologies and at least one of the following certification areas: Accounting, Data Processing, Marketing, and Secretarial (shorthand).

Office Administration (Baccalaureate degree)

The office administration major provides the opportunity for students to combine competency in office skills with a well-rounded background in general education and a sound understanding of business and economic concepts, principles, and procedures. With this background, the graduate can expect to qualify for such positions as administrative assistant, director or supervisor of office services, or executive assistant. Both government and industry provide interesting opportunities for graduates of the office administration program.

Secretarial Specialist (Associate degree)

In large companies and small offices, secretaries are in demand and must be prepared to work in a world of change, growth, and opportunity. Our secretarial program offers three fields of specialization: Executive, Legal, and Medical. Supervised on-the-job experience is available through a practicum elective. A series of options enables the secretarial student to acquire the necessary skills and a sound general education either to initiate a career or to continue on in the Office Administration/Business Education programs.

BOE110 Keyboarding (M110)

Fall-Spring Semesters

Designed to enable students to correctly enter alphanumeric data into a desktop keyboard unit. Emphasis will be placed on the use of correct techniques for inputting source material as well as the development of minimal speed and accuracy skills. (Designed for those students with no formal typing experience. Not open to students who have taken or are taking BOE183, BOE184 or BOE186.) Grading will be Pass/Fail.

2 class periods. 1 credit hour.

BOE120 Elementary Typewriting (M183)

Fall Semester

Designed for students with no or limited previous training in typewriting. Development of basic keyboard skills within prescribed standards in the preparation of letters and various business forms. (A level of placement test will be administered.) May be taken Pass/Fail.

4 class periods. 2 credit hours.

BOE165 Mathematics of Business (M165)

Fall-Spring Semesters

A study of basic computational procedures with appli-

Course Descriptions

cation to problems of everyday business practice. Survey includes computation of interest, annuities, retail prices, wages, inventory, and depreciation. Students will develop the touch method of electronic calculator use and will perform some math applications on a microcomputer. (Not open to junior & senior level Business Administration majors without permission of faculty advisor.)

3 class periods. 3 credit hours.

BOE184 Document Creation (M184)

Fall-Spring Semesters

Emphasis is placed on development of basic keyboarding skills in the preparation of business documents. Word processing concepts and machine transcription techniques will be implemented for the development of office skills. Prerequisites: Basic knowledge of the touch system of typing.

4 class periods. 3 credit hours.

BOE186 Document Processing (M186)

Spring Semester

A continuation of BOE184 with further development of advanced word processing skills in the preparation of business documents. Students will demonstrate word processing competencies on various hardware and through the use of current software. This will give students the necessary skills for a word processing specialist. Prerequisite: BOE184 or equivalent.

4 class periods. 3 credit hours.

BOE191 Shorthand I (Gregg Series 90) (M191)

Fall Semester

The development of the theory of writing the Gregg (series 90) shorthand. Emphasis is placed on reading, writing, and transcribing skills applicable to shorthand to attain prescribed standards. (Test exemption materials are available for students with a Century 21 shorthand background.)

5 class periods. 3 credit hours.

BOE192 Shorthand II (M192)

Spring Semester

Includes a review of the Gregg Series 90 shorthand system as applied to writing common business terminology. Emphasis is placed on dictation speed and non-shorthand transcription factors to attain prescribed dictation speeds transcribed in mailable form. Prerequisite: BOE191 and BOE184 or equivalents.

5 class periods. 3 credit hours.

BOE283 Shorthand Transcription (M283)

Fall Semester

Designed to build and expand the shorthand vocabulary germane to the student's area of concentration. Sustained dictation and mailable transcription of correspondence incorporating this shorthand vocabulary is emphasized. Prescribed standards of speed and accu-

racy are emphasized. Prerequisite: BOE184 and BOE192 or equivalents.

4 class periods. 3 credit hours.

BOE287 Office Procedures (M287)

Fall Semester

An exploration of modern office procedures which integrates previously acquired skills. Includes preparation and distribution of business reports, current reprographic technology, automatic typewriter/word processor/microcomputer applications, telephone techniques, and special emphasis on office communication. Prerequisite: BOE184 or equivalent.

3 class periods. 3 credit hours.

BOE291 Information Administration (M291)

Fall Semester

A study of the principles of creation, use, maintenance, and destruction of information. Filing systems, storage facilities, micrographics, and control of records will be discussed. Simulated activities will give students practice in electronic storage/retrieval utilizing appropriate software. Prerequisite: Sophomore or higher standing.

3 class periods. 3 credit hours.

BOE292 Office Simulations (M292)

Spring Semester

This is an advanced-level course designed to develop the operational competencies needed by the top-level secretary. Advanced word processing applications using simulation packets and machine transcription on a variety of word processing hardware will be used to develop those skills germane to the student's area of secretarial concentration. Laboratory office experience will be a part of the course work. Prescribed standards speed and accuracy are emphasized. Prerequisite: BOE287 or equivalent.

3 class periods and 1 practice period.

3 credit hours.

BOE298 Office Practicum (M298)

Planned and supervised work experience at selected cooperating firms. Agencies will be carefully selected to ensure that they will provide a variety of experiences of educational value. The student will spend 120 hours with a selected agency plus conferences with the supervising professor. Prerequisites: Full-time secretarial Associate degree candidate, 45 or more credits and 2.0 or better GPA. Grading will be Pass/Fail.

3 credit hours.

BOE350 Office Administration (M294)

Spring Semester

Examines the principles of scientific office management in the areas of job analysis, the physical environment (office design), work allocation, reprographics, and budgetary control. Emphasis will be placed on office-

Course Descriptions

related staffing, motivation, requisition/management of office equipment (including word processing/information processing). Some focus on management of paper flow and telecommunications is included. Prerequisite: Junior standing or permission of instructor.

3 class periods. 3 credit hours.

BOE372 Principles of Business Education (M372) **Spring Semester**

A study of the principles and problems of business education today; research, standards, guidance principles, follow-up and survey studies, courses of study, writing and reading in the content area, marketing and business program; and current legislation of vocational business education are emphasized. The design of the secondary curricular structure is also discussed. Prerequisite: Junior or Senior standing.

3 class periods. 3 credit hours.

BOE431 Seminar in Office Technology (M431) **Spring Semester**

The study of advanced concepts and issues related to office automation and administration. Content will vary with new technological advancements. Information processing, local area networking, telecommunications, micrographics, electronic calendaring are possible topics. On-site research and observations will be part of the seminar activities. Prerequisites: Senior standing or permission of instructor.

3 class periods. 3 credit hours.

BOE471 The Teaching of Business Subjects (M471) **Fall Semester**

A study of the business education curriculum in public schools, objectives, methods, and special considerations in the planning, organizing, teaching, and evaluating of business subjects taught in secondary schools. Prerequisite: Senior standing or permission of instructor.

3 class periods.
1 one-hour laboratory period.
3 credit hours.

Information Systems

The major in Information Systems (IFS) within the Department of Business Administration prepares the student for a career in the field of information systems processing. The traditional entry level position is that of a programmer or systems analyst trainee. The IFS program will provide skills necessary to expedite the upward mobility of the student into positions such as data processing manager or manager of information services. Both a baccalaureate degree and an associate degree are available. Each program requires a core of

general business courses in addition to the IFS requirements. In this way the student learns not only how to process information in a technically efficient manner, but also becomes knowledgeable as to what information is required in the modern business environment and how it is used.

IFS105 Principles of Computer Information Systems (M105)

Fall-Spring Semesters

Introduces the students to IFS vocabulary, concepts related to computer hardware and software, the systems development life cycle, the impact of computers in society, computer systems and data communication configurations, and theories such as management and decision support systems. In addition, the student will learn to successfully operate a microcomputer using business application packages including word processing, data management, graphics and spreadsheets.

3 class periods. 3 credit hours.

IFS150 Pascal Programming* (M176) **Fall-Spring Semesters**

This course provides the student with the capability to program in a computer language which enforces correct programming techniques. It is used in graphics, systems programming and real-time applications. Prerequisite: IFS105 recommended for students with no computer experience.

3 class periods. 3 credit hours.

IFS160 BASIC Programming on the Microcomputer* (M127)

Microcomputers and BASIC (Beginner's All-Purpose Symbolic Instruction Code) are covered in progressively more complex programming assignments. Topics include structured programming and statements which input and output, process arrays, and create and report from files.

3 class periods. 3 credit hours.

IFS165 FORTRAN Programming* (M200)

The FORMula TRANslation programming language, FORTRAN, is covered. Some flowcharting and use of design, record and coding forms is required. Matrices, sorting and file accessing are covered. Prerequisite: IFS105 recommended for students with no computer experience.

3 class periods. 3 credit hours.

IFS170 RPG Programming* (M227)

Course provides the student with a capability to program in a computer language which can be found in use in selected locations through commerce and industry. Prerequisite: IFS105 recommended for students with no computer experience.

3 class periods. 3 credit hours.

Course Descriptions

IFS207 COBOL Programming* (M207)

Fall Semester

COBOL (Common Business Oriented Language) is used extensively throughout the business world. This course provides the student with the capability to program elementary business applications in ANSI (American National Standards Institute) COBOL. While the major part of this course is devoted to satisfactorily programming assigned business problems, the student will also learn structured design and coding techniques, common business documentation formats and standard testing and COBOL debugging methods. Prerequisite: IFS150 or another programming language.

3 class periods. 3 credit hours.

IFS208 Advanced COBOL Programming* (M208)

Spring Semester

This course consists of more advanced structured design and programming and business file application problems. Disk file organization and storage concepts, programming efficiencies and access methods for sequential and indexed-sequential files, file maintenance activities, and on-line transaction processing (OLTP) are included in assigned programming problems. Business documentation and interactive programming considerations in a communication environment are considered. Prerequisite: IFS207.

3 class periods. 3 credit hours.

IFS215 C Programming* (M210)

This course provides the student with the ability to program in the C language. C is a powerful language that provides flexibility in producing high quality, run-time efficient programs. It is used in graphics generation, systems programming, symbolic manipulation systems, process control, communications and real-time applications. Prerequisite: IFS105 or equivalent experience; prior programming experience is recommended.

3 class periods. 3 credit hours.

* Only one programming language course may be taken in a semester.

IFS220 C++ - Object Oriented Programming

Spring Semester

This course introduces the student to the concepts of Object Oriented Programming (OOP). Students use the microcomputer OOP language C++ to design, develop, and implement object oriented programs. The powerful characteristics of classes, objects, abstraction, inheritance, and polymorphism are stressed. The focus is on teaching the student to develop high-quality, run-time efficient programs using OOP techniques. Prerequisite: IFS215 C Programming or equivalent experience and permission of the instructor.

3 class periods. 3 credit hours.

IFS270 Data Structures and Algorithms (M281)

Spring Semester

This course provides the tools necessary to prepare the student to be an applications programmer. Subjects include data structures, programming algorithms, and advanced data programming techniques. The course is not language specific and as such is not considered a programming language course. Prerequisite: 3 semesters of programming (3rd may be concurrent).

3 class periods. 3 credit hours.

IFS305 Management Information Systems (M324)

Fall Semester

Design analysis and evaluation of computer based information systems (CBIS). Integrates managerial and computer knowledge towards identifying and solving informational problems. Computer literacy is extended to MIS literacy. Case studies are used extensively. Prerequisite: IFS150 or equivalent experience with computers.

3 class periods. 3 credit hours.

IFS325 Networks and Distributive Processing (M317)

Spring Semester

An analysis of the problems involved in the design, implementation and operation of real-time computer systems, telecommunications and computer networks. Variations in distributive systems and alternatives of the central vs. decentralized data bases, network and subnetwork design and control are covered in addition to mini/microcomputers as replacement technology. Prerequisite: IFS207.

3 class periods. 3 credit hours.

IFS440 Business Systems Analysis & Design (M433)

Fall Semester

This course covers the concept of the computer systems development life cycle, including the analysis, design and implementation of business software systems. The structured analysis methodology will be used to emphasize case tools, prototyping, data flow diagrams, data dictionary notation, data structure diagrams, entity relationship diagrams, structured English, pseudocode, and decision tables. Individual assignments and a group project will be required. Prerequisite: IFS305.

3 class periods. 3 credit hours.

IFS450 Computer Operating Systems (M438)

Fall Semester

Computer operating systems concepts are studied for batch, time-sharing and multiprocessing design. The basic divisions of the executive software are identified with their control blocks, formats, logic, location, and linkage. Prerequisite: IFS305.

3 class periods. 3 credit hours.

Course Descriptions

IFS460 Data Base Management Systems (M452)

Spring Semester

This course provides the student with a knowledge of the major software systems available for managing and protecting stored data bases. The organization and use of various data bases is covered along with advantages and disadvantages of use of each. Prerequisite: IFS305.

3 class periods. 3 credit hours.

IFS470 Selected Topics in CIS (M475)

This course is a seminar in IFS intended to provide coverage of topics of special interest or noteworthy significance in the IFS field. Course requirements will generally include a course project. Prerequisite: Senior standing in the major or permission of the instructor.

3 class periods. 3 credit hours.

IFS490, IFS491 Internship (M435, M436)

Planned and supervised work experience in a computerized systems environment at selected cooperating firms. Supplementary training, conference, reports, and appraisals. The program requires approximately ten hours per week for twelve weeks. Prerequisite or Corequisite: IFS305. Grading is Pass/Fail.

3 credit hours each semester.

Economics and Finance

The economics and finance major stresses analytical thinking and quantitative methods, and deductive reasoning. Problem solving is stressed through the use of model building and the evaluation of trade-offs in the context of constraints.

There is a core of thirteen courses that is required in the major which includes not only economics and finance, but also some basic business courses in Accounting, Information Systems, Management and Marketing. In addition, students will select three elective courses in the major and five free electives. These electives are selected in consultation with an advisor and may be utilized to develop minor concentrations and/or prepare for graduate school.

The economics and finance major prepares students for careers in financial planning and budgeting, banking, investment, risk management, or international finance and trade.

ECO200 Principles of Economics (Macro) (M220)

Fall Semester

The study of aggregate or total economic activity. Topics such as employment, inflation, and production are analyzed in relation to national economic policies.

3 class periods. 3 credit hours.

ECO201 Principles of Economics (Micro) (M221)

Spring Semester

The study of individual decision makers within the economy. Price and output determination is explained

by the interaction of supply and demand, the behavior of the firm and the household, and the impact of various market structures. Prerequisite: ECO200.

3 class periods. 3 credit hours.

ECO310 Money and Banking (M332)

Fall Semester

An analysis of money and credit and their relation to economic activity and prices; organization, operation, and functions of the commercial banking system; structure, objectives, functions, and instruments of control of the Federal Reserve System; monetary policy and international financial relationships. Prerequisite: ECO201, and two semesters of Accounting.

3 class periods. 3 credit hours.

ECO350 Intermediate Microeconomics

The foundations of price theory, including an analysis of consumer and firm behavior, competition and efficiency, factor markets, income distribution, and general equilibrium. Prerequisite: ECO201.

ECO400 International Economics (M428)

Spring Semester

A study of factors affecting international trade, including resource allocation, motives for methods of protectionism, foreign exchange and currency valuation, international debt, the role of risk in international trade and finance, and economic growth. Prerequisite: ECO201.

3 class periods. 3 credit hours.

ECO450 Economics and Finance Seminar

Selected readings, discussions, and papers on topics which provide a capstone experience which will emphasize an integration of the courses taken within the major. Prerequisite: Senior standing in the major.

FIN300 Managerial Finance I (M349)

Fall-Spring Semesters

An analysis of the financial problems of business; current and long-term requirements for capital; analysis of the capital structure; characteristics of various types of securities and security marketing. Prerequisite: Two accounting courses, ECO200 and ECO201.

3 class periods. 3 credit hours.

FIN320 Investments (M311)

Fall Semester

A study of the principles and guidelines for effective individual as well as institutional investment. Various types of stocks, bonds, mutual funds, commodities, real estate, insurance and other forms of investment are analyzed as vehicles for attaining multiple objectives.

3 class periods. 3 credit hours.

FIN330 Risk Management and Insurance (M354)

Fall Semester

A basic introduction to the fundamentals of life, prop-

Course Descriptions

erty and casualty insurance, with emphasis on the various types of risks, contract analysis, and cost.

3 class periods. 3 credit hours.

FIN410 Managerial Finance II (M359)

Spring Semester

A case-oriented continuation of Managerial Finance I. Students will solve complex problems in working capital management, capital budgeting, financial structure, dividend policy and corporate restructuring. Prerequisite: FIN300.

3 class periods. 3 credit hours.

ECO490, ECO491 Economics and Finance Internship (M413)

Planned and supervised work experience at selected cooperating firms. Supplementary training conference, reports and appraisals. Prerequisite: Junior standing and departmental approval of each student participant's individual program. The program requires approximately ten hours per week for twelve weeks. Grading will be Pass/Fail.

3 credit hours.

Management

Management, the process of getting things accomplished through people, involves managing the physical and human resources of an organization in a financially sound manner. Accordingly, the Department of Business Administration has chosen to organize its management courses under the general management, operations management, human resource management, and banking and financial management subdivisions.

Students may choose not to concentrate in a specialization area defined by the subdivisions shown below. These students may select a combination of elective courses from the various management offerings.

Operations management involves managing the "transformation process" by which organizations convert input into output. These students find employment in operations management, operations planning and control, purchasing management, logistics management, materials management, or quality management.

Human resource management involves the management of an organization's most valuable resource: its people. The responsibility of the traditional personnel function has been broadened in modern organizations to include compensation administration, employment law, training, and personnel selection and development.

Banking and financial management courses prepare students for careers in financial planning and budgeting, banking, investment, risk management, or in-

ternational finance and trade. Management majors may concentrate in this area by taking approved elective courses from both management and economics and finance offerings.

MGT250 Principles of Management (M250)

Fall-Spring Semesters

An analysis of the managerial functions of planning, organizing, leading, and controlling. Additional topics include ethics, social responsibility, human resource management, international management, operations management, organizational behavior and decision making. The course is intended to develop a diagnostic management style for managing in diverse organizational situations.

3 class periods. 3 credit hours.

MGT320 Human Resource Management (M328)

Fall-Spring Semesters

This course explores theories and concepts leading to the effective utilization of human resources in organizations. The processes of manpower planning, recruitment, selection and employment, training, promotion, compensation and discipline are specifically examined. The complex legal environment in which personnel is practiced is given special emphasis. Prerequisite: MGT250.

3 class periods. 3 credit hours.

MGT325 Organizational Behavior (M322)

Fall-Spring Semesters

A study of theory and research findings related to human behavior in organizations. Focus of study is an analysis of individual, intragroup and intergroup behavior. Additional emphasis is placed upon leadership and change within an organization. Prerequisites: B161, B185 and MGT250.

3 class periods. 3 credit hours.

MGT330 Labor Relations (M331)

Fall Semester

A study of problems in labor relations in the United States including the history and development of labor unions, their objectives, structure, government and internal management; collective bargaining unit emphasis on contract negotiation and arbitration; public policy, including labor legislation. Prerequisite: MGT250.

3 class periods. 3 credit hours.

MGT335 Employment Law (M334)

Spring Semester

An examination of the relevant legislation and regulation affecting human resource decision making, including issues of discrimination, unemployment insurance, workers' compensation, pay, safety, and retirement. Prerequisite: MGT320.

3 class periods. 3 credit hours.

Course Descriptions

MGT340 Starting and Operating a Small Business (M342)

Fall-Spring Semesters

This course is directed toward students who have an interest in starting or improving their own business. Coverage includes problems/risk, making the decision, getting started, marketing, managing the small business operations, financial and administrative controls, choosing a form of ownership, government regulations and taxes. Student project: Developing a business plan. Prerequisites: ACC210 and MGT250 or equivalents or permission of instructor.

3 class periods. 3 credit hours.

MGT345 Operations Planning and Control (M343)

The organization, application and objectives of production control as it relates to all phases of manufacturing operations. Prerequisite: MAT120 and QBA260 or equivalent.

3 class periods. 3 credit hours.

MGT350 Operations Management (M356)

Fall-Spring Semesters

A study which focuses on the management of resources required to produce products or services within the framework of an organizational structure. The principles of facility location and layout planning, operational processes, product/service development, forecasting, planning, staffing, work measurement/job design, inventory control, procurement, quality control/assurance and research techniques are covered. Prerequisites: QBA260 and MGT250.

3 class periods. 3 credit hours.

MGT360 Inventory Management (M382)

Fall Semester

With MGT370 a two semester course series designed to cover all phases of production planning and control. Includes: physical inventory control, inventory systems, inventory relationships, inventory accounting, bills of materials, materials requirements planning, manufacturing control systems, and distribution inventory management. Prerequisite: MGT350.

3 class periods. 3 credit hours.

MGT365 Purchasing Management (M384)

Fall Semester

Purchasing Management encompasses the processes, common to all businesses, by which organizations are supplied with the goods and services, including utilities, capital equipment, supplies, materials, and purchased parts, needed to achieve their objectives. Prerequisite: MGT250.

3 class periods. 3 credit hours.

MGT370 Physical Resource Management (M385)

With MGT360 a two semester course series designed to cover all phases of production planning and control. In-

cludes: master resource planning including forecasting, production planning, master production scheduling, and demand management; capacity management; and production activity control. Prerequisite: MGT350.

3 class periods. 3 credit hours.

MGT430 Compensation Administration (M434)

Spring Semester

This course is designed to give the student an in depth introduction to the field of wage and salary administration. In addition to the techniques of wage survey, job analysis, job structure pricing and individual pay determination, relevant legislation and the psychological and economic rationale for an effective monetary reward system will be examined. Prerequisite: MGT320.

3 class periods. 3 credit hours.

MGT435 Personnel Selection and Development (M444)

Fall Semester

A human resource management course which focuses on the selection and development of a competent workforce. Topics include needs assessment, manpower planning, job analysis, the Federal Uniform Guidelines, screening, interviewing, management development, employee training, and system evaluation. Prerequisite: MGT320.

3 class periods. 3 credit hours.

MGT440 Business and Society (M442)

Fall-Spring Semesters

This course examines the business organization in relation to government, employee groups and the community. A major theme in the course is the social responsibility of business. Topics of study include ethics, environmental pollution, employee rights, government regulation, global management and the political system as it affects business decision-making. Prerequisite: Senior standing.

3 class periods. 3 credit hours.

MGT450 Seminar in Management (M441)

A senior course designed for development of managerial skills and understanding. A computer assisted business simulation exercise is used along with group action, organizational development and evaluation. Prerequisite: Senior standing.

3 class periods. 3 credit hours.

MGT460 Advanced Operations Management (M445)

Spring Semester

An extension of MGT350 which extends coverage of traditional production operations management topics and surveys emerging advance manufacturing technologies such as: Just-In-Time management, robotics, CAD-CAM, group technology, flexible manufacturing systems, bar coding, automated storage and retrieval

Course Descriptions

systems, sensor technology, statistical process control and quality at the source. Prerequisite: MGT350.

3 class periods. 3 credit hours.

MGT490, MGT491 Management Internship (M447, M448)

Planned and supervised work experience at selected cooperating firms. Supplementary training conference, reports and appraisals. Prerequisite: Junior standing and departmental approval of each student participant's individual program. Credit awarded will be based on length and scope of each program. Grading will be Pass/Fail.

3 credit hours each semester.

Marketing and Retailing

The marketing program within the Department of Business Administration offers a baccalaureate degree with a marketing major as well as associate degree with a retailing major.

Students interested in the marketing major may choose to concentrate in one of three areas of marketing or select a general marketing track. The areas of specialization are consumer products marketing, business marketing, and retailing. The consumer products concentration is designed for students interested in careers with companies that produce goods or services for sale to consumers. Businesses of this type employ individuals from the marketing field as brand managers, market analysts, professional salespeople and as advertising specialists. The business marketing concentration is designed for students interested in working for businesses producing goods and services for sale to other businesses. Business marketing companies employ individuals from the marketing field as professional salespeople, sales managers, market analysts and physical distribution managers. The retailing concentration is designed for students interested in working for retailers. Retailers employ individuals from the marketing field as store managers, merchandise managers, retail ad copywriters and sales trainers.

The general marketing track is designed to meet the needs of students who have not yet decided on a particular type of marketing career or who plan to work for a small business and must therefore serve as a marketing generalist.

The associate degree with a retailing major is designed for students seeking a supervisory position with a retailer. Examples of supervisory positions would include department managers, assistant store managers, small or branch managers and assistant buyers.

MKT200 Principles of Marketing (M262)

Fall-Spring Semesters

A study of the concepts, processes and institutions in-

involved in bringing to the customer the variety of goods and services produced through industry and agriculture.

3 class periods. 3 credit hours.

MKT220 Personal Selling (M277)

Fall-Spring Semesters

A study of selling fundamentals including the psychological principles of selling, customer attitudes and demand factors, the selling process and the application of selling principles.

3 class periods. 3 credit hours.

MKT230 Retailing (M278)

Fall-Spring Semesters

The objectives of this course are to help the student better understand and evaluate the specific activities of management, merchandising and promotional functions required in the operation of a retail organization in a competitive business environment.

3 class periods. 3 credit hours.

MKT290 Retailing Practicum (M297)

Fall-Spring Semesters

This course involves planned and supervised work experience at selected cooperating firms. Agencies will be carefully selected to ensure that they provide a variety of experiences of educational value. The student will spend 120 hours with a selected agency plus conferences with the supervising professor. Prerequisite: Full-time Retailing Associate degree candidate, 45 or more credits and 2.0 or better GPA. Grading will be Pass/Fail.

3 credit hours.

MKT310 Fashion Marketing (M335)

This course examines marketing principles and strategies as they apply to fashion trends, the domestic and foreign ready-to-wear market, the designer market and the promotion and display of fashion. Prerequisite: MKT200.

3 class periods. 3 credit hours.

MKT320 Retail Buying and Merchandising (M369)

Spring Semester

This course is designed to provide students with the theoretical and practical concepts required for successful buying and merchandising in retailing. Prerequisite: MKT200.

3 class periods. 3 credit hours.

MKT330 Advertising (M339)

Fall-Spring Semesters

This course involves a study of the organization and functions of advertising from the viewpoint of management—types of advertising, media selection and evaluation, preparation of copy and layout. Prerequisite: MKT200.

3 class periods. 3 credit hours.

Course Descriptions

MKT340 Logistics (M353)

Fall-Spring Semesters

This course emphasizes the planning, controlling and coordinating of the movements of products through the various intermediaries. Consideration is given to such activities as production scheduling, storage, inventory control, materials handling, packaging, order processing, transportation and plant warehouse site selection. Prerequisite: MKT200 and MGT250. [NOTE: This course also counts as a management elective.]

3 class periods. 3 credit hours.

MKT350 Business Marketing (M365)

Fall-Spring Semesters

This course is designed to provide an understanding of marketing in industrial or technology based firms. Topics covered include the industrial environment, marketing mix applications, planning and organizational structures. Prerequisite: MKT200.

3 class periods. 3 credit hours.

MKT360 Consumer Behavior (M360)

Fall-Spring Semesters

This course involves an analysis of consumer behavior with reference to spending and saving habits, product preferences, shopping behavior, leisure time patterns, social change and mobility and the influence of advertising, selling and fashion trends. Prerequisite: MKT200.

3 class periods. 3 credit hours.

MKT370 International Marketing (M366)

Fall-Spring Semesters

The objective of this course is to help the student to better understand and evaluate marketing functions from the viewpoint of the international executive. Coverage will include international marketing policies relating to product adaptation, channels of distribution, pricing, communications and cost analysis. Consideration will also be given to the cultural, legal, financial and organizational aspects of international marketing. Prerequisite: MKT200.

3 class periods. 3 credit hours.

MKT380 Sales Management (M380)

Spring Semester

This course involves an in-depth examination of the role of the sales manager. Areas covered include the recruiting, training and supervision of salespersons; the organization of sales territories; compensation schemes; and sales forecasting. Prerequisite: MKT200 and MKT220.

3 class periods. 3 credit hours.

MKT390 Advanced Advertising (M361)

Fall Semester

This course covers the strategic use of advertising and related sales promotion in the marketplace. Emphasis

placed on campaign development and coordination under conditions of uncertainty and multiple segmentation. Prerequisite: MKT330.

3 class periods. 3 credit hours.

MKT450 Marketing Research (M462)

Fall Semester

This course covers managerial uses of marketing research in formulating marketing strategy; includes determination of situations requiring research, appraisal of alternative research methods and evaluation of studies, including theoretical concepts in research methodology. Prerequisite: MKT200, QBA260 and Senior standing.

3 class periods. 3 credit hours.

MKT475 Marketing Policies and Strategies (M465) **Spring Semester**

This course is designed to be the last marketing course taken by marketing majors. It involves the study of the administrative process and analysis utilized by chief executives to formulate marketing policy and make strategic and tactical decisions under conditions of uncertainty. Prerequisite: QBA310 or QBA320 and MKT450.

3 class periods. 3 credit hours.

MKT490, MKT491 Marketing Internship **(M467, M468)**

Fall-Spring Semesters

This course involves planned and supervised work experience at selected cooperating firms. Supplementary training conference, reports and appraisals are required. Prerequisite: Junior standing and departmental approval of each student participant's individual program. The program requires approximately ten hours per week for twelve weeks. Grading will be Pass/Fail.

3 credit hours.

DEPARTMENT OF EDUCATION

**Transforming the Future
by Inspiring
Excellence in Education**

Mission Statement

AS PROFESSIONAL EDUCATORS DEVOTED TO
THE PREPARATION OF FUTURE TEACHERS, OUR
MISSION ENCOMPASSES THE FOLLOWING:

TO: DEVELOP CRITICAL THINKING IN OUR STUDENTS

EDUCATE STUDENTS TO BE KEEN DECISION MAKERS

Course Descriptions

EDUCATE STUDENTS WHO ARE HIGHLY SKILLED IN THE PRINCIPLES OF HUMAN GROWTH AND DEVELOPMENT

ENCOURAGE STUDENTS TO BE RECEPTIVE TO CHANGE AND INNOVATION

CREATE STRATEGY-BASED EDUCATORS—ABLE TO EMPOWER LEARNERS WITH THE REQUISITE KNOWLEDGE, SKILLS, AND ATTITUDES TO BECOME LIFE-LONG LEARNERS

EDUCATE FUTURE TEACHERS WHO ARE COMMITTED TO THEIR OWN LIFE-LONG LEARNING

Purpose and Programs. The Department of Education at York College believes that the challenge to prepare the finest quality teacher is a major concern for the educational profession in the coming decades. Thus, each member of the Department of Education is committed to preparing the finest teachers possible to enter the teaching profession. Teachers will play an increasingly central role in the social and intellectual development of the student. Accordingly, we believe that teachers must serve as intellectual and personal models to their students. It is within this spirit that the following teacher preparatory programs are offered:

Elementary Education (Grades K-6)

Secondary Education (Grades 7-12):

Biology

Business Education

Accounting

Data Processing

Marketing

Office Technology

Secretarial

Communications

English

General Science

Mathematics

Social Studies

Program Principles. The Teacher Education Program at York College is committed to the following Principles of Effective Teaching:

1. Effective teaching demands a dedication to learning and development.
2. Effective teaching requires an understanding of how learning occurs and the interpretation of student needs to assure continuous progress in learning.
3. Effective teaching is an on-going process of assessing needs, planning instruction and evaluating results.

4. Effective teaching requires the utilization and integration of knowledge derived from many academic areas.
5. Effective teaching requires teachers who are intellectual and personal models for students.

General Objectives. The prospective teacher will:

1. Demonstrate effective communication skills in oral, written, and nonverbal behavior.
2. Demonstrate a knowledge of human development and its implications for the teaching-learning situation.
3. Be able to define the roles and responsibilities of teachers and other school staff members.
4. Be able to describe the American educational system with respect to its historical, sociological, and philosophical foundations as well as its functions in today's society.
5. Demonstrate an acceptable degree of skill in applying educational principles in an instructional setting.
6. Demonstrate the characteristics of a professional.
7. Acquire a broad understanding of at least one defined field of knowledge supported by a background in general education.

Admission, Advancement, and Retention in Teacher Education. The Teacher Education Program at York College reflects the research and practice which have been identified as fostering excellence in teaching. We strive to advance only the highest caliber of teacher candidates at each level of the preparatory program. The minimum grade point average required of our students in order to advance to the professional semester reflects our belief that teachers must serve as intellectual models to their students. In addition to a demonstrated level of intellectual competence, we consider certain attributes to be associated with the caliber of teacher we desire to graduate from our program. (See section "Advancement to Professional Semester".)

A. Admission to Degree Program.

Elementary Education and Secondary Certification students must meet the general admission requirements of the College. Admission to the Education Program does not guarantee advancement to candidacy status in the Teacher Education Program nor to the professional semester, which includes the student teaching internship.

Freshmen normally schedule "core" classes and not education courses; with the exception of early field placement as an observer or tutor, freshman do not normally schedule coursework in the professional education block (designated by an EE or SE prefix).

Course Descriptions

At the time of admission to the college, students indicate their choice of major and are assigned a faculty advisor. Elementary teacher candidates are primarily advised by education faculty and secondary teacher candidates by the appropriate coordinator in the academic major of their certification area.

B. *Advancement to Candidacy Status.*

Application for candidacy status of the Teacher Education Program is made after satisfactory completion of 45 credit hours. Screening of applicants for candidacy will be based upon the following criteria:

1. An overall G.P.A. of 2.0 or better progressing toward 2.5 needed for the Professional Semester.
2. Successful completion of E101, E102, CM204, and EE221 with a minimum grade of C in each course.
3. Acceptable performance on the Department of Education Writing Sample. (Effective Sept., 1992 to include all entering freshmen and transferring students.)
4. Evidence of successful completion of 30 hours of Observation/Participation must be provided by the applicant via presenting the appropriate copies of the Attendance and Evaluation Forms.

Field Requirement: Observation/Participation
The importance of being in the "real" classroom prior to student teaching is brought to fruition through the opportunities given by the Observation/Participation Program. Specifically, there is a mandatory in-school experience required of all those who seek teacher certification. Each candidate is to accumulate a minimum of one-hundred twenty hours (120 hours) of observation/participation time. This primarily entails working with students in a classroom setting as an instructional assistant, or minimally, as an observer. In this setting, students are encouraged to become actively involved in the teaching process. Each candidate is expected to have had four such experiences prior to the Professional Semester. Three of these four settings must be in a public school classroom environment and, at least one of these in an urban school.

C. *Retention in the Program.* Retention in the program is based upon the following criteria:

1. An overall GPA of 2.0 or better progressing toward 2.5 needed for the Professional Semester.
2. Compliance with, and successful progression toward, completion of Observation/Participation requirements. (As specifically outlined in the Observation and Participation Handbook).

3. Possession of the personal and professional attributes which are consistent with effective teaching.

4. Compliance with the Academic Honesty Policy of York College. Violation of this policy will result in dismissal from the program.

D. *Advancement to the Professional Semester.* At the completion of 75-80 credit hours, students are required to specify their intended date for the Professional Semester by signing the appropriate Semester/Year Specification Paper. The semester prior to the academic term of the Professional Semester students will complete an application form. Applicants' records are reviewed by the Departmental Approval Committee. Qualification for placement as student teaching interns is based upon the following criteria:

1. A minimum G.P.A. of 2.5 in YCP classes.
2. Successful completion of 120 hours of Observation and Participation.
3. Successful completion of all professional courses as designated on departmental checklists. (All EE and SE courses, plus B360, B369, MU273, A374, MAT190, and most of the cognate courses.)
4. Affirmation of Departmental Approval Committee, which is based upon 1-3 above, and demonstration of the requisite professional and personal attributes consistent with effective classroom teachers. The latter consists of:
 - Competence in written and oral expression
 - Professional attitude
 - Personal enthusiasm
 - Ethical, moral character
 - Personal organization
 - Ability to meet deadlines
 - Good interpersonal skills
 - Ability to accept and profit from constructive criticism
 - Personal maturity
 - Use of prudent judgement
 - Class attendance
 - Demonstrated interest in educational activities (special events, S.E.A., etc.)

A review process exists for students who wish to appeal the decision made by the Departmental Approval Committee and is detailed in the *Handbook for Teacher Certification Students*.

E. *Interview with Coordinator of Field Experiences.* (Note: Students who have not removed deficiencies in their professional or academic specialization courses, and those who are on academic probation, cannot be granted permission to enroll in the Professional Semester.)

Course Descriptions

The Professional Semester. The Professional Semester consists of a block of three courses and the student teaching internship. Two of the three courses are completed within a three-week period; the third (Student Teaching Practicum) continues throughout the semester. Student teaching begins the fourth week of the professional semester and continues to the end of the academic term. There is a stipulation that students take no coursework during this period of time.

Student Teaching: The College endeavors to make suitable arrangements for all students admitted to the Professional Semesters. It cannot guarantee assignments. It should be noted that student teachers adhere to the district calendar, policies, and practices adopted by the school to which they are assigned. (As a matter of information, York College provides liability insurance for its student teachers.)

Graduation Requirements for Teacher Education Programs. Students must meet all of the graduation requirements set by the College and by the certification area in which they are enrolled.

Certification Requirements.

- A. Students who wish Pennsylvania certification must submit an application to the York College Department of Education for Pennsylvania certification. Specified deadlines must be observed.
- B. Teacher candidates must meet all requirements set by the Pennsylvania Department of Education. These include:
 1. Successful completion of Baccalaureate Degree.
 2. Successful completion of the National Teachers Examination.
 3. Successful completion of YCP Teacher Certification Program, including 12-week student teaching internship.
- C. Students who desire a specific out-of-state certification must contact the appropriate State Department of Education for information.

Teacher Certification Placement Service. Bona fide teacher education students register with the Counseling and Career Services Office to establish referral credentials and advantage themselves of career-oriented workshops.

Policy for Transfer Students. If students wish to transfer into the Teacher Education Program from either another college/university, or from another program within York College, they must submit a letter of interest, transcripts, have earned a minimum cumulative grade point average of 2.5, and submit one written letter of recommendation from the school or program from which they are transferring. Once the above requirements have been met, the students will be condi-

tionally accepted as Education majors for two semesters. Prior to or during the second semester of conditional acceptance, the students must also meet the following criteria:

- A. Acceptable performance on the Department of Education Writing Sample.
- B. Satisfactory completion of 30 hours of Observation/Participation. Evidence must be provided via use of Attendance and Evaluation Forms containing the signature or initials of the Coordinator of Field Experiences.
- C. A meeting with the assigned faculty advisor to review all criteria so as to establish that these have been successfully met in order to continue in the program.
- D. Compliance with the regulations listed in the RETENTION IN THE PROGRAM section.

If students meet all of the above requirements under conditional status, they will be accepted into the Teacher Education Program as a candidate. These individuals must continue to comply with the RETENTION, ADVANCEMENT, GRADUATION AND CERTIFICATION requirements for completion of the Teacher Education Program. If any do not meet these requirements, they will be dismissed from the Teacher Education Program.

Education Degree without Certification. Teacher Certification may be achieved through the successful acquisition of a Baccalaureate Degree in Elementary Education or, for secondary candidates, completing a baccalaureate in a designated major with an "education core" (See "Secondary Education"). These degrees may be obtained *without certification* by those individuals who have expressed interest in the broader concept of "education" as it refers to related careers and interests but who do not desire work in a public school classroom setting. Reflective of this option, students would elect to schedule *Independent Study in Education* (EE/SE405). This eight credit "block" would be tailored to meet the personal and career goals of the individuals. Accordingly, the experience might include a combination of coursework and research activity that respond to the student's particular needs. Those electing, or being recommended for, this option may seek career paths which include work experiences dealing with people and education in a variety of settings other than the classroom. Examples of career paths served by this non-certification degree are: positions involving training and development in a variety of businesses and corporations; substance-abuse education specialists with social agencies; administrators of community agencies, careers in public relations and banking, and youth organizations.

Course Descriptions

Professional Education

EE104 College Reading Improvement and Study Skills

Fall-Spring Semesters

A developmental course in reading comprehension, vocabulary expansion, and retention. A significant part of the course is devoted to assisting the student in developing effective study skills.

3 class periods. 3 credit hours.

EE201 Teaching Language Arts and Children's Literature in Elementary School

Fall Semester

Preparation for, and practice in, teaching communication skills in the elementary school. Potential elementary teachers are provided the essential techniques, strategies and familiarity with a whole language approach to language/literacy acquisition. An important segment is teacher awareness and appreciation of the role of children's literature within the curriculum.

3 class periods. 3 credit hours.

EE207 (EE407) Literacy Development in Young Children (Reading Readiness)

Fall Semester

A study of the significance of the interaction between the home and the school in preparing the child for reading. The use and limitations of reading readiness tests, mental age, concept of reading readiness, content of reading readiness programs and assessment of the child's readiness for reading instruction will be explored. Recognition of developing literacy in young children and procedures for furthering that development will provide the primary emphasis of learning in this course.

3 class periods. 3 credit hours.

EE210 Early Childhood Curriculum

Fall Semester

A course designed for the individual who is interested in working with pre-school children. Emphasis is on the pre-school child, types of schools and programs for pre-school children, teaching techniques and strategies to be employed with this age group and recent trends in early childhood education. Field experience in an early childhood setting is a required component of this course.

EE210 is a prerequisite for EE211 Practicum in Early Childhood.

3 class periods. 3 credit hours.

EE211 Practicum in Early Childhood Education

Spring Semester

This course provides the student with experiences in an early childhood setting in nursery schools and day-care centers in York County. Under the supervision of the College and the cooperating institution staff, the stu-

dent engages in planning, conducting and evaluating classroom learning activities. Prerequisite: EE210.

1 class period and arrangements

with cooperating institutions.

3 credit hours.

EE221 Introduction to American Education

Fall-Spring Semesters

Emphasizes the role of the school in societal setting, the functions of schools in a changing society, community and governmental influences upon education, the school as both producer and product of social change, and the historical development of schools in America. Relates the teacher's roles and surveys philosophical influences.

3 class periods. 3 credit hours.

EE301 Foundations of Reading Instruction (Developmental Reading)

Fall Semester

This course provides students with the foundations for teaching reading in the elementary school. Course topics include: Early literacy development, approaches to reading instruction, systematic instruction vs. whole language philosophy, vocabulary development, comprehension instruction, content area reading, and instructional adaptations for ethnically diverse and exceptional learners. This course is the foundational course for all other reading course.

3 class periods. 3 credit hours.

EE302 Diagnostic and Remedial Reading

Spring Semester

Surveys problems in diagnosing and handling of pupils' reading difficulties to include appraisal techniques, procedures, and materials for corrective and remedial instruction. Conducting a Case Study with an individual child will constitute a significant portion of the workload in this course. Prerequisite: EE301.

3 class periods. 3 credit hours.

EE304 Teaching Elementary Social Studies in Elementary School

Spring Semester

Preparation for teaching elementary school social studies. Course content deals with recent techniques, development in approaches, methods, and materials for teaching social studies. Emphasis is on the utilization of children's literature in teaching social studies. Prerequisite: B369 and EE221 or permission of the instructor.

3 class periods. 3 credit hours.

EE307 Emergency First Aid and C.P.R.

Spring Semester

This course is designed to give the layman whether at work, coaching, or at home the necessary knowledge to give immediate care to the sick or injured. The course also involves basic anatomy and physiology and an ori-

Course Descriptions

entation in safety. Nationally recognized certification, in First Aid and C.P.R. will be awarded upon successful completion of the course and the satisfying of the certifying agencies' requirements.

3 class periods. 3 credit hours.

EE309 Principles of Athletic Coaching Fall Semester

A course designed to supply students with an ethically and educationally sound philosophy underlying the inclusion of competitive athletics in the education program. It is designed to provide a background of psychological and physiological insights to enable the beginning coach to effectively teach individual and group motor skills.

3 class periods. 3 credit hours.

EE310 Physical Education and Recreational Activities

Fall-Spring Semesters

The overall goal of general education and of physical education is to help individuals achieve optimum growth and development. This course will provide the student with an understanding of the place of physical education in the elementary school program and see it as a vital contributing portion of the total school curriculum. The student will also gain an understanding of the basic principles for selection of games and skills appropriate to grade and developmental levels, preparation for teaching the activities, presentation of activities to children, organization of children into game formation and supervision of children in game and skill activities. Also emphasized is an understanding of an individual's physical fitness needs assessment and promotion of achieving their personal fitness goals. Prerequisite EE221 or permission of instructor.

3 class periods. 2 credit hours.

EE311 Prevention and Treatment of Athletic Injuries—Level I

Spring Semester

This course is designed to provide the student with insights and skills necessary to handle basic sport injury situations. Course content deals with the prevention and evaluation of common injuries and the basic treatment and management of these injuries.

3 class periods. 3 credit hours.

EE313 (EE410) The Psychology of Reading

Fall Semester

The course is concerned with what psychologists have discovered about personality development, learning styles, and classroom interaction as they relate to the teaching of reading. Students are encouraged to examine their own teaching and learning styles. Participants will assume active roles in the teaching/learning process of this course. Prerequisite: EE301, or permission by instructor.

3 class periods. 3 credit hours.

EE314 (EE408) Current Issues in Reading Spring Semester

Provides students with opportunities to survey issues which have a current impact on the teaching of reading in our schools. The design of the course will require students to participate in a variety of learning settings, i.e., large group, small group, instructor/student, and independent research. School visitations to observe current methods and innovations in the teaching of reading are integral components to this course. Prerequisite: EE301 or permission of Instructor.

3 class periods. 3 credit hours.

EE315 Teaching Mathematics in the Elementary School

Spring Semester

Preparation for, and practice in, teaching K-6 elementary school mathematics. Potential teachers are provided with the essential strategies that facilitate the development of mathematical concepts in the elementary curriculum. The course includes instructional techniques, assessment, using children's literature and cooperative grouping through "hands on" inquiry, process approaches that meet the National Council of Teachers of Mathematics (NCTM) Standards. Prerequisites: EE221, MAT190 and MAT105.

3 class periods. 3 credit hours.

EE316 Teaching Science and Health in the Elementary School

Fall Semester

Preparation for and practice in teaching K-6 elementary school science and health. Emphasis is placed on the inquiry approach and the development of concepts. The course includes instructional techniques, strategies to generate background knowledge, types of questions and tasks that facilitate intrinsic motivation, learning, and achievement, cooperative learning strategies, the use of children's literature in science, and assessment strategies. The course is designed to help potential teachers implement the national science standards. Prerequisites: EE221, PSC111 or PSC112, BS101 or BS102.

3 class periods. 3 credit hours.

EE320 SE320 Computers in the Classroom Fall-Spring Semesters

Students will be acquainted with the variety of ways in which the computer may be used to enhance teaching strategy and provide enrichment activities for subject matter. They will also learn to use and evaluate a wide range of instructional software packages and work with ways in which word processing and program utilization can make instructional preparation of materials easier and of higher quality. There will also be information about computer hardware and terminology essential to teaching

1 class period. 1 credit hour.

Course Descriptions

EE401 Instructional Media

Fall-Spring Semesters

Surveys principles underlying the use of audiovisual materials and devices in teaching and the utilization of teacher-made and commercial materials. The computer, as an important educational resource, is also included. Through laboratory work, the prospective teacher acquires skill in the use of typical classroom hardware and software items. Prerequisite: Admission to the Professional Semester.

2 class periods. 2 credit hours.

EE402 Professional Orientation and School Law

Fall-Spring Semesters

Reviews public school structure and organization in terms of the teacher's role and his relationships with school board, administrators, supervisors, other professional and para-professional personnel, and school patrons. Familiarization with the legal foundations applicable to employment and functioning in a public school setting. To be taken the academic term prior to the Professional Semester.

2 class periods. 2 credit hours.

EE404 Directed Observation and Student Teaching

Fall-Spring Semesters

Under the supervision of college and cooperating school staff, the student engages in the actual planning, conduct and evaluation of classroom learning activities. Focusing upon integration of all aspects of the practicum is an integral part of the course. Prerequisite: Admission to the Professional Semester, and successful completion of EE 402 Corequisites include EE401, EE412 and EE413. \$150.00

Full-time by appointment during last part of semester. 8 credit hours.

EE405, SE405 Independent Study in Education

Fall-Spring Semesters

This offering is intended only for Education majors of Senior standing who do not engage in student teaching. Under the direction of designated departmental faculty, the student engages in research or developmental activities specifically related to a topic or project approved by the Department Chair. The student is required to submit tangible evidence of his activities and resultant growth for evaluation. Prerequisite: Admission to the Professional Semester and permission of the Departmental Chair.

May be scheduled during the last year of candidacy only.

2-8 credit hours.

EE409 Internship in Reading

Fall-Spring Semesters

A closely supervised program that provides students with experience in Reading Centers and/or classrooms in elementary schools under the guidance of a

reading instructor. Designed for elementary education majors with a concentration in Reading. Students will be expected to spend approximately 10 hours a week in their reading internship placement; thus, the remainder of the college student's schedule should be arranged accordingly. Prerequisite: EE301 Completion of EE302 is desirable.

1 class period. 3 credit hours.

Approximately 10 hours per week in field work.

EE412 SE412 Student Teaching Practicum

Fall-Spring Semesters

A weekly meeting conducted during the professional semester. This is required of all student teachers and is designed to focus upon the integration of all aspects of the student teaching experience.

1 class period. 1 credit hour.

EE413 Issues and Concerns in American Education: Classroom Strategies

Fall-Spring Semesters

This course focuses on selected problems facing teachers daily. It provides students with an investigative look at major controversies of American Education and appropriate strategies with which to confront them. It will target such issues as working with exceptional children, classroom management and discipline strategies among others. Students will participate in a variety of learning settings and research projects. Prerequisite: Admission to the Professional Semester.

2 credit hours.

EE498, EE499, SE498, SE499 Independent Study

Fall-Spring Semesters

The Independent Study Program affords an opportunity for the student who wishes to undertake a well-defined research project. While the student conducts his work under the guidance of a faculty member of his own choosing, the project is carried out in an independent manner without regular class meetings. Effective independent study is characterized by a reduction in formal instruction and an increase in the individual student's responsibility and initiative in the learning process.

1-3 credit hours each semester.

SE350 The Secondary School Experience

Fall Semester

The responsibility of teaching, teacher, learning and learner comes into focus as the education experiences of the adolescent are studied. Individual and group projects delve into the domain of secondary curriculum. The development and direction of the American secondary school system is investigated through the cooperative efforts of student and teacher. Issues and problems are researched as to their genesis, growth, and influence on today's classroom. Curricular materials, guides, projects, and approaches are reviewed and then compared to the identified needs of society and

Course Descriptions

the individual. Prerequisite: EE221 or permission of the Director of Secondary Education, or instructor
3 class periods. 3 credit hours.

SE351 Teaching Strategies in the Secondary Schools

Spring Semester

Students and instructor share in the development presentation, and evaluation of individual mini-lessons. Microteaching techniques are used with video-taping procedures to practice and improve lesson presentation skills. Concentrated efforts are targeted to the development of techniques and methods that best enhance classroom learning. Discussion and group work combine to lend credence to course assignments and to give students direct experience with professional practices. Prerequisite: EE221 or permission of the Director of Secondary Education, or instructor.

3 class periods. 3 credit hours.

SE352 Teaching Social Studies in the Secondary School

Spring Semester

The focus of this course is to research various social studies course curricula, methodological approaches and selected topical themes. Consideration is mainstreamed toward investigating the various approaches to the social studies and "how" they might best be integrated into a classroom of secondary students. Prerequisite: EE221, SE350 or permission of Director of Secondary Education, or instructor.

3 class periods. 3 credit hours.

SE353 Teaching Secondary Communications/English

Fall Semester

This course provides preparation for and practice in teaching secondary English or Communications. Students prepare and present lesson plans for teaching a variety of skills and appreciations in the English classroom. Areas of concentration include language study (grammar), reading, literature, writing, listening, and speaking. Prerequisite: EE321, SE350 or permission of the Director of Secondary Education, or instructor.

3 class periods. 3 credit hours.

SE354 Teaching General Science in the Secondary School

Fall Semester, even numbered years

Preparation for, and practice in, teaching general science in the secondary school environment. Recent technology, development in approaches, methods and appropriate materials for teaching general science are explored. Emphasis is on a laboratory approach to teaching science and on laboratory skills through laboratory activities. Prerequisite: EE221, SE350 or permission of Director of Secondary Education, or instructor.

3 class periods. 3 credit hours.

SE355 Teaching Mathematics in the Secondary School

Fall Semester, odd numbered years

Preparation for, and practice in, teaching mathematics in the secondary school. Course content deals with recent techniques, developments in approaches and methods and materials for teaching mathematics. Prerequisite: EE221, SE350 or permission of Director of Secondary Education, or instructor.

3 class periods. 3 credit hours.

SE356 Reading in the Content Areas

Spring Semester

Designed for both secondary and elementary teacher candidates. Emphasis will be placed on the strategies that assist students in comprehending textual material in all subject areas. Diagnostic procedures assessing reading behaviors will be stressed along with appropriate remedial procedures in addition to techniques for developing concept vocabulary skills, comprehension skills, and study skills throughout the curriculum. (The course is appropriate for elementary teachers planning to teach in the intermediate grades (4-6) and all secondary teachers.)

3 credit hours.

PHYSICAL EDUCATION

Vision Statement

To support the Mission of York College of Pennsylvania and its Department of Education by creating an environment which promotes the best models of positive, active, and healthful living through our programs and services.

Mission Statement

As professional physical educators working in the areas of teaching, coaching, athletic training, and advising, we will provide the knowledge and skills which will enable individuals of the York College of Pennsylvania community to achieve an integrated, active, and healthy lifestyle.

Physical well being is a lifelong commitment which is enhanced by regular participation in physical activity. It is the purpose of the physical education division to contribute to this end by offering a variety of courses to help an individual meet this goal.

Physical education courses are offered in the areas of individual and team activities, dance, and aquatics. All courses are beginning level unless otherwise noted. Each provides the student with basic skills and knowledge so that he or she can successfully participate and enjoy the activity throughout a lifetime.

Course Descriptions

Physical education courses are either 1/2 credit (half of a semester), 1 credit hour (full semester) or 2 credit hours (full semester). Four credit hours of physical education courses (PE) are required for graduation. Amongst these four credits, Concepts of Physical Activity and Wellness (PE134) must be taken by all day students.

The following courses are 1/2 credit hour and meet twice a week for half the semester. Other courses are for 1 or 2 credits for the full semester as designated.

PE150	Archery
PE151	Badminton
PE152	Basketball
PE153	Field Hockey
PE154	Ice Skating (addl. fee for this course)
PE155	Soccer
PE156	Softball
PE157	Intermediate Swimming
PE158	Advanced Swimming
PE159	Tennis
PE160	Volleyball

PE110 Beginning Bowling (Coed)

An introductory course with special emphasis on equipment, rules, terminology, techniques of participation, etiquette, handicaps and league play. This course is held off campus at a local bowling alley. Students are responsible for transportation and the cost of bowling.

2 class periods. 1 credit hour.

PE112 Square Dance (Coed)

An introductory course of the fundamental skills and knowledge that is necessary for the development of proficiency in the contemporary form of square dancing. Both singing and patter calls as used for directions, and the student will have the opportunity to dance to a variety of callers and styles. This course covers beginning through intermediate levels of square dances and challenges the student to develop good coordination, mental alertness and smooth rhythmic movement in a relaxing atmosphere and in the company of fellow students and friends. This is a fun, and infectiously interesting activity and can be enjoyed throughout a lifetime.

2 class periods. 1 credit hour.

PE117 Modern Dance (Women)

A creative approach to movement exploration with special emphasis on dance as related to the specific art periods.

2 class periods. 1 credit hour.

PE118 Physical Fitness and Conditioning (Men)

A course designed to improve basic physical abilities such as strength, endurance, and neuromuscular coordination. Concentration is upon individual activities and individual improvement of his physical well-being.

2 class periods. 1 credit hour.

PE119 Slimnastics (Women)

This course is designed to improve basic physical asets. Concentration is upon individual activities and individual improvement of her physical well-being.

2 class periods. 1 credit hour.

PE130 Elementary Self-Defense (Women)

This course deals with the theory and techniques of self-defense. The content focuses on the techniques for eliminating dangers from daily living, methods for recognizing and avoiding dangers, and skills and strategies for employing physical defense when necessary.

2 class periods. 1 credit hour.

PE134 Concepts of Physical Activity and Wellness (Coed)

This course is designed to give the student specific information concerning the benefits of developing a physically active lifestyle and the process necessary for designing a program to meet the individual's physical needs and interests. A wellness focus will also be included to help the student work toward a healthy lifestyle. It will enable the student to select appropriate physical activity courses and encourage individual participation in other campus and community activity programs.

2 class periods. 1 credit hour.

PE135 Recreational Shooting (Coed)

A course designed as an orientation for individuals interested in the shooting sports. Safety is taught and emphasized throughout the course. The student will shoot rifle, pistol, and shotgun as well as being introduced to other areas such as hunting, antique and replica arms, gun collecting, etc. The class travels occasionally off campus for parts of the firearms training.

2 class periods. 1 credit hour.

PE136 Aerobic Dance (Women)

This course is designed to help students develop an understanding and appreciation of the importance of improving their "aerobic" fitness as a part of total fitness. Students participate in a program of vigorous movement to music at a level consistent with their existing level of fitness and gradually strive to reach a higher level of fitness.

2 class periods. 1 credit hour.

PE137 Introduction to the Martial Arts (Coed)

This course is an orientation to the martial arts. The content emphasizes the physical techniques and mental self discipline which are inherent to the sport.

2 class periods. 1 credit hour.

PE124 Lifeguard Training (Coed)

Prerequisite is completion of PE121 Intermediate/Advanced Swimming or demonstration of equivalent swimming skills. The student must also have successfully completed EE307 Emergency First Aid/CPR

Course Descriptions

or have current equivalent certification of the courses completed to be eligible for certification. Emphasis is placed on recognition of swimming hazards, swimmers in distress, and the methods of dealing with both. The course prepares the student for an entry level lifeguarding position. Nationally recognized certification issued upon successful completion of course requirements including a written and practical final.

3 class periods. 2 credit hours.

PE126 Water Safety Instructor (Coed)

Prerequisite is completion of PE121 Intermediate/Advanced Swimming or equivalent certification. An instructor's course in swimming, diving, water safety, and infant pre-school aquatic instruction. Special emphasis will be placed on techniques of aquatic instruction. An opportunity for practical teaching experience will be offered as required for certification. Nationally recognized certification issued upon completion of course requirements.

2 class periods.

1 laboratory period.

2 credit hours.

DEPARTMENT OF ENGLISH AND HUMANITIES

The Department of English and Humanities offers courses leading to Baccalaureate degrees in English and in Humanities. In conjunction with the Department of Education, it offers programs which qualify Secondary Education majors for Pennsylvania certification to teach either English or Communication courses in the secondary schools. In addition, the Department offers an Associate degree in Languages and Philosophy/Religion. An interdisciplinary major in Latin American Studies has a strong Spanish component and is offered in conjunction with the History and Political Science Department.

The English and Humanities Department embraces several language-centered disciplines which are concerned with human values and experiences. This perspective integrates self-expression through writing, the interpretation of secular and sacred texts, and the study of foreign languages.

English Composition, E101-102, is normally the prerequisite for other writing courses and for all literature courses. Well-qualified students may enroll in courses for which they do not have the prerequisites if they obtain the permission of the instructor. Unless specific prerequisites are noted, all courses are open to all students.

To remain a major in the Department of English and Humanities a student must maintain at least a 2.0 cumulative average beginning with the Sophomore year, and must receive no grade lower than 2.0 in each

course taken in the department (or in an equivalent course taken elsewhere). Requests for exceptions to this policy must be submitted in writing to the department chair.

E100 Fundamentals of English

Fall-Spring Semesters

A course emphasizing the fundamentals of English usage, spelling, punctuation, sentence construction, and paragraph and essay writing. Enrollment is at the discretion of the Department. May not be used to fulfill English core requirement. Students must receive a grade of "2" or better in E100 before enrolling in E101.

3 class periods. 3 credit hours.

E101-E102 English Composition

Fall-Spring Semesters

A two-semester sequence of instruction in writing skills essential to all college students and all careers. The courses include instruction in exposition, description, narration, argument, and research techniques. Students must receive a grade of "2" or better in E101 before enrolling in E102.

3 class periods. 3 credit hours each semester.

E160 Introduction to Literature

Fall-Spring Semesters

Readings and discussions of stories, poems, and plays traditional and contemporary. Designed especially for the non-English major. Open to entering freshman.

3 class periods. 3 credit hours.

E203 African-American Literature

Spring Semester

An introduction to representative writings by Black American authors, including those associated with the Harlem Renaissance.

3 class periods. 3 credit hours.

E205 Text Performance

Fall-Spring Semesters

Analysis and performance reading of works of literary art.

3 class periods. 3 credit hours.

E220 Communication and Report Writing

Fall-Spring Semesters

An intermediate-level writing course that seeks to develop communication skills and insights for situations commonly encountered in administration, business, industry, and the professions. Prerequisite: E101-102.

3 class periods. 3 credit hours.

E222 Technical Writing

Spring Semester

Directed practice in writing accurate, precise, clear factual prose designed to convey information that others need, such as mechanism descriptions, process analyses, instruction sheets, reports, abstracts, proposals, and

Course Descriptions

articles. Students will also learn how to use graphics.

Prerequisite: E101-102.

3 class periods. 3 credit hours.

E254 Introduction to Theatre

Fall-Spring Semesters

An introduction to the origin and development of theatre. The student acquires familiarity with the skills of playwriting, producing, directing, acting, and designing.

3 class periods. 3 credit hours.

E256 History of the English Language

Spring Semester

A study of the development of the English language from its Indo-European roots to Modern English.

3 class periods. 3 credit hours.

E258 Stagecraft

Fall, even-numbered years

An exploration of scene design, stage lighting, costuming, make-up, and theatre architecture. Students create working drawings, light and costume plots, models, and watercolor renderings and participate in producing a show.

3 class periods. 3 credit hours.

E262 Acting

Spring Semester

Instruction and practice in physical and vocal expressive techniques and textual analysis. The student is eventually expected to synthesize understanding and expressiveness in performance.

3 class periods. 3 credit hours.

E271 Journalism

Fall Semester

An introduction to the theory and practice of obtaining, preparing, and editing news stories and to some of the considerations involved in publishing a newspaper. Work in the classroom may be supplemented by laboratory work in preparing the College newspaper.

3 class periods. 3 credit hours.

E281 American Literature to 1885

Fall Semester

A survey course in American literature to 1885, with emphasis on major writers—including Poe, Hawthorne, Melville, Emerson, Thoreau, Dickinson, Whitman, and Twain.

3 class periods. 3 credit hours.

E282 American Literature after 1885

Spring Semester

A study of American writers from the realistic period through the present.

3 class periods. 3 credit hours.

E283 British Literature to 1750

Fall Semester

The examination in some detail of a select number of masterpieces from *Beowulf* to the poetry of John Mil-

ton—works which form the foundation of a significant literary heritage for the English-speaking world.

3 class periods. 3 credit hours.

E284 British Literature after 1750

Spring Semester

The examination in some detail of a select number of masterpieces from late eighteenth-century, nineteenth century, and twentieth-century British literature.

3 class periods. 3 credit hours.

E285 European Literature to 1600

Spring Semester

A study of masterpieces of Greek and Roman classics, medieval literature, and Renaissance literature.

3 class periods. 3 credit hours.

E286 European Literature Since 1600

Fall Semester

A study of masterpieces of European literature since the Renaissance.

3 class periods. 3 credit hours.

E291 The Short Story

Spring Semester

An opportunity to read European and American short fiction from the time of Homer to the present, in order to see the development of the short story as a genre, as well as to develop valid critical judgments and intensive reading skills.

3 class periods. 3 credit hours.

E310 Creative Writing

Spring Semester

A writing seminar for students interested in developing their imaginative writing powers.

3 class periods. 3 credit hours.

E315 Advanced Composition

Fall Semester

Instruction and practice aimed at helping students to further develop their expository writing skills, to examine their writing processes, and to critique their own and others' papers.

3 class periods. 3 credit hours.

E316 Introduction to Film

Spring Semester

A survey of the history of film as a communicative and artistic medium, including its technological, industrial, social, and aesthetic dimensions. Students view and analyze films important to the history of the medium including early as well as recent American and foreign films.

1 class period.

3 hours film viewing. 3 credit hours.

E320 Introduction to Linguistics

Spring Semester

An introduction to the analysis, description, and use of

Course Descriptions

human language. Grammar is reviewed, focusing on the application to teaching English. Other topics include psycholinguistics, sociolinguistics, and American dialects.

3 class periods. 3 credit hours.

E323 Shakespeare I **Fall Semester**

A survey of Shakespeare's achievement in several dramatic genres with emphasis on the comedies and histories.

3 class periods. 3 credit hours.

E324 Shakespeare II **Spring Semester**

A survey of Shakespeare's achievement in several dramatic genres and the sonnets with emphasis on the tragedies.

3 class periods. 3 credit hours.

E341 The Comic Tradition **Fall Semester**

The study of some masterpieces of comic writing, from Aristophanes to Woody Allen.

3 class periods. 3 credit hours.

E342 Popular Literature **Spring Semester**

A critical examination of magazine fiction, "best sellers," and other selections which have met with wide acceptance by the general reading public. Typical categories include historical romance, the mystery, science-fiction, and new journalism. Most (but not necessarily all) works are by twentieth-century American writers.

3 class periods. 3 credit hours.

E343 The Experience of Poetry **Fall Semester**

An introduction to the forms and techniques of the poet's craft, with emphasis on the pleasure and insights gained from careful reading of a wide range of good poetry.

3 class periods. 3 credit hours.

E344 Love and Sex in Literature **Spring Semester**

A thematic and historical study of the claims of love, sexuality, and gender as inspiration for and subject of imaginative literature.

3 class periods. 3 credit hours.

E346 Literature and Society **Spring Semester**

A study of how social problems, social attitudes, and social panaceas are depicted in literature. Selections studied include recent works as well as those from earlier periods.

3 class periods. 3 credit hours.

E347 Literature and Psychology **Fall Semester**

The study of literature as a conscious and unconscious search to understand patterns in human behavior. The student is invited to reflect upon a variety of stories in a variety of forms, old and new, for children and for adults.

3 class periods. 3 credit hours.

E350, E351, E352, E353 Theatre Practicum **Fall-Spring Semesters**

Hands-on experience in set construction, light control, costume and prop creation, publicity, and box office management.

1 credit hour per semester, up to 4.

E354 History of Theatre

Fall semester, even-numbered years

A study of selected playscripts from the classic repertory, with emphasis on past and present dramaturgy and production practices. Prerequisite: E254 or permission of the instructor.

3 class periods. 3 credit hours.

E370 Special Topics in Creative Writing

A writing seminar for advanced students who wish to concentrate on specific genres and forms. The topic of this course may be suggested by faculty members or by students. In a given semester, this course might emphasize prose fiction; another semester could emphasize script-writing or non-fiction prose. This course may be repeated for different topics. Prerequisite: E310 or permission of instructor.

3 class periods. 3 credit hours.

E389 Major Authors and Literary Traditions

Thorough study of single major author (such as Milton) a genre (like the literature of terror), a tradition (such as Nationalism), or literary theory. The specific theme of these courses may be suggested either by faculty members or by students. These courses may be repeated for different topics.

3 class periods. 3 credit hours.

E401 English Seminar

Fall, even-numbered years

Directed research and writing under close supervision. Required for all English majors. Open to other students only with permission of the professor. Prerequisite: The completion of 50 credit hours.

3 class periods. 3 credit hours.

E416 Modern Drama

Fall Semester, even-numbered years

A study of representative plays by major American and European playwrights from Ibsen to the present.

3 class periods. 3 credit hours.

E450, E451 Communications Internship

Planned and supervised work experience in oral or

Course Descriptions

written communications at selected cooperating firms or organizations. Supplementary training conferences, reports, and appraisals. Prerequisite: Junior or Senior standing, and departmental approval of each student participant's individual program.

2 to 6 hours (depending upon the length and scope of each program).

E498, E499 Independent Study

Offered on request

An opportunity for the student who wishes to undertake a well-defined research project. While the student conducts work under the guidance of a faculty member of his or her own choosing, the project is carried out in an independent manner without regular class meetings. Effective independent study is characterized by a reduction in formal instruction and an increase in the individual student's responsibility and initiative in the learning process.

1-3 credit hours.

FOREIGN LANGUAGES

While no Baccalaureate major is offered in the field of Foreign Languages, the student may choose this study as a specialty for an Associate degree or minor.

The student has to complete 12 (Associate degree) or 18 (Language minor) credit hours in one language (except for classical languages).

The interdisciplinary major Latin American Studies combines the study of Spanish with courses in Latin American history and government.

The first year of foreign language study emphasizes the acquisition of rudimentary proficiency in listening comprehension, reading comprehension, and speaking. During the second and third years, continued emphasis is placed on oral and written expression, along with an appreciation of literature and the cultural modes of the countries in which the language is spoken.

Elementary and intermediate level language courses have a required laboratory component. Students attend the lab at their convenience. Summer students complete this requirement in the library.

L109 Modern Conversational Chinese I

Fall Semester

This course is intended for the student who is just beginning the study of the Chinese language. Based on the fact that a language is a set pattern of habits which can be learned through practice, the AUDIOLINGUAL approach will be used. In applying this modern method of language instruction, Chinese is learned in a natural way. Basic Chinese conversation, with emphasis on elementary conversational patterns, are presented in class. The student has to memorize these patterns and is then taught how to build on these patterns new

words and phrases which will enable him to expand his knowledge of Chinese. Chinese conversations and question-answer sessions will advance the student's knowledge and mastery of the Chinese language. This includes Chinese phonetics.

3 class periods. 3 credit hours.

L110 Modern Conversational Chinese II

Spring Semester

A continuation of Modern Conversational Chinese I with additional vocabulary building for more specific situations in everyday life. This course will also study the most basic patterns of the target language. Students must receive a grade of "2" or better in L109 before enrolling in L110.

3 class periods. 3 credit hours.

L111 Introduction to Indo-European Languages and Folklore

Fall-Spring Semesters

An elementary study of the origin and development of the Indo-European languages and an introduction to common themes and motifs of selected Indo-European folklore.

3 class periods. 3 credit hours.

L117 Elementary Italian I

An introduction to the fundamental patterns and skills (speaking, listening, reading and writing) of the language. No previous Italian required.

3 class periods.

1 laboratory hour.

3 credit hours.

L118 Elementary Italian II

Continuation of L117.

Prerequisite L117 or equivalent.

L121 Elementary French I

Fall-Spring Semesters

An introduction to the fundamental patterns and skills (speaking, listening, reading, and writing) of the language. No previous French required.

3 class periods.

1 laboratory hour.

3 credit hours.

L122 Elementary French II

Fall-Spring Semesters

Continuation of L121. (Prerequisite: L121 or equivalent.) Students must receive a grade of "2" or better in L121 before enrolling in L122.

3 class periods.

1 laboratory hour.

3 credit hours.

L125 Orientation to Mexico

Spring Semester

A general overview of Mexico—its customs, traditions and some unique features of Mexican Spanish. In-

Course Descriptions

tended exclusively for students planning to participate in the mini-mester in Mexico. Taught in English.

1 class period. 1 credit hour.

L221 Intermediate French

Fall Semester

Further development of the language skills through extensive literary and cultural readings. Class is conducted in the target language. Prerequisite: L122 or equivalent. Students must receive a grade of "2" or better in L122 before enrolling in L221.

3 class periods.

1 laboratory hour.

3 credit hours.

L222 Intermediate French

Spring Semester

Continuation of L221. Students must receive a grade of "2" or better in L221 before enrolling in L222.

3 class periods.

1 laboratory hour.

3 credit hours.

L321 French Literature

Fall Semester

A selection of major works of the French language. Emphasis on characteristic themes and styles. Prerequisite: L222 or equivalent.

3 class periods. 3 credit hours.

L322 French Literature

Spring Semester

Continuation of L321.

3 class periods. 3 credit hours.

L151 Elementary German I

Fall Semester

An introduction to the fundamental patterns and skills (speaking, listening, reading, and writing) of the language. No previous German required.

3 class periods.

1 laboratory hour.

3 credit hours.

L152 Elementary German II

Spring Semester

Continuation of L151. (Prerequisite: L151 or Conversational German I and II or equivalent.) Students must receive a grade of "2" or better in L151 before enrolling in L152.

3 class periods.

1 laboratory hour.

3 credit hours.

L251 Intermediate German

Fall Semester

Further development of the language skills through extensive exposure to spoken German, German conversation and cultural readings. Class is conducted in the target language. Prerequisite: L152 or equivalent. Students

must receive a grade of "2" or better in L152 before enrolling in L251.

3 class periods.

1 laboratory hour.

3 credit hours.

L252 Intermediate German

Spring Semester

Continuation of L251. (Prerequisite: L251 or equivalent.) Students must receive a grade of "2" or better in L251 before enrolling in L252.

3 class periods.

1 laboratory hour.

3 credit hours.

L351 German Literature

Spring, odd numbered years

A selection of major works of the German language. Emphasis on characteristic themes and styles. Prerequisite: L252 or equivalent.

3 class periods. 3 credit hours.

L352 German Literature

Spring, even numbered years

Continuation of L351.

3 class periods. 3 credit hours.

L353 Advanced German Conversation and German Culture

Summer, odd numbered years

A "mini-mester" course held in Germany, Austria, and Switzerland to provide life experience with the German language and culture. Students are required to speak German. Prerequisite: Successful completion of Conversational German I and II or Elementary German L151-2, or permission of instructor. Additional fees for round-trip transportation, accommodations and travel in Europe.

3 credit hours.

L101, L102 Elementary Greek I-II

An introduction to the fundamentals of Greek grammar and syntax. Reading selections from Greek prose illustrating the grammar and syntax studied.

3 class periods.

3 credit hours each semester.

L201, L202 Intermediate Greek

Reading and exegesis in the New Testament and in the Septuagint. Advanced study of New Testament grammar, syntax, and vocabulary.

3 class periods.

3 credit hours each semester.

L103, L104 Elementary Latin I-II

Latin poetry and prose. Rapid reading of selected authors, including Horace, Pliny, Cicero; Medieval and Renaissance Latin.

3 class periods.

3 credit hours each semester.

Course Descriptions

L107, L108 Elementary Hebrew I-II

An introduction to the fundamentals of Hebrew grammar and syntax. Reading selections from the Old Testament will supplement the studies.

3 class periods.

3 credit hours each semester.

L171 Elementary Russian I

Fall, odd numbered years

An introduction to the fundamentals of the language. Classroom and required laboratory drill in aural comprehension, speaking, pronunciation. Beginning reading and writing. Study of basic grammar necessary for these skills.

3 class periods.

1 laboratory hour.

3 credit hours.

L172 Elementary Russian II

Spring, even numbered years

Continuation of L171. (Prerequisite: L171 or equivalent.) Students must receive a grade of "2" or better in L171 before enrolling in L172.

3 class periods.

1 laboratory hour.

3 credit hours.

L271 Intermediate Russian

Fall, even numbered years

Further development of the skills of speaking, understanding, reading, and writing Russian through classroom conversation and practice in the laboratory. Review and elucidation of fundamental grammar. Class conducted mainly in Russian. Prerequisite: L172 or equivalent. Students must receive a grade of "2" or better in L172 before enrolling in L271.

3 class periods.

1 laboratory hour.

3 credit hours.

L272 Intermediate Russian

Spring, odd numbered years

Continuation of L271. (Prerequisite: L271 or equivalent.) Students must receive a grade of "2" or better in L271 before enrolling in L272.

3 class periods.

1 laboratory hour.

3 credit hours.

L181 Elementary Spanish I

Fall-Spring Semesters

An introduction to the fundamental patterns and skills (speaking, listening, reading, and writing) of the language. No previous Spanish required.

3 class periods.

1 laboratory hour.

3 credit hours.

L182 Elementary Spanish II

Fall-Spring Semesters

Continuation of L181. (Prerequisite: L181 or equivalent.) Students must receive a grade of "2" or better in L181 before enrolling in L182.

3 class periods.

1 laboratory hour.

3 credit hours.

L187 Spanish for the Health Fields

Spring Semester

Spanish for students entering health-related fields. Emphasis is on commonly encountered topics and situations in a medical setting. The course enables the learner to communicate with Spanish-speaking clients. Included are Hispanic culture, customs and traditions that have a bearing on the delivery of health services.

3 class periods.

3 credit hours.

L281 Intermediate Spanish

Fall-Spring Semesters

Further development of the language skills through extensive exposure to spoken Spanish, cultural and literature readings. Class is conducted in the target language. Prerequisite: L182 or equivalent. Students must receive a grade of "2" or better in L182 before enrolling in L281.

3 class periods.

1 laboratory hour.

3 credit hours.

L282 Intermediate Spanish

Spring Semester

Continuation of L281. (Prerequisite: L281 or equivalent.) Students must receive a grade of "2" or better in L281 before enrolling in L282.

3 class periods.

1 laboratory hour.

3 credit hours.

L284 Intermediate Spanish Conversation

Through the use of journalistic materials, audio and video tapes, and in-class group activities, students will practice listening and speaking skills for use in everyday situations. Prerequisite L182 or equivalent.

3 class periods.

3 credit hours.

L285 Reading Strategies in Spanish

The course focuses on strategies for developing skills needed to read "authentic" texts in Spanish—newspapers, magazines and short literary texts. Prerequisite L281 or equivalent.

3 class periods.

3 credit hours.

L380 Advanced Oral and Written

Expression in Spanish

Spring, even numbered years

A course designed to provide the student opportunities

Course Descriptions

to refine their oral and written expression in Spanish. Course is conducted in the target language. Prerequisite: L282 or equivalent.

3 class periods. 3 credit hours.

L381 Spanish Literature

Fall Semester

A selection of major works from Spain, read and discussed in Spanish. Emphasis on characteristic themes and styles. Prerequisite: L285 or equivalent.

3 class periods. 3 credit hours.

L382 Latin American Literature

Spring Semester

A selection of major works from Latin America, read and discussed in Spanish. Emphasis on characteristic themes and styles. Prerequisite: L285 or equivalent.

3 class periods. 3 credit hours.

L387 Spanish Civilization

Spring, odd numbered years

A study of Spanish and Latin American civilization, the course begins with a historical overview, then focuses on contemporary life. Prerequisite: L281 or equivalent.

3 class periods. 3 credit hours.

L498-L499 Independent Study

To provide for matriculated York College students the opportunity to undertake a well defined independent project or specific area of study in one of the language areas.

1-3 credits each semester.

Mini-mester in Mexico

Students may earn three elective credits by participating in intensive Spanish language study in Mexico. Students live with Mexican families and study language and culture at an established language institute. No previous Spanish required. Contact department for further information. Prerequisite: L125.



PHILOSOPHY AND RELIGION

Both philosophy and religion play important roles in the humanities. Courses in philosophy offer students breadth of cultural grasp and a power of logical analysis which are of value in many fields. Studies in religion are designed to help students gain an understanding of the history and literature of religion and insight into its nature and meaning. Students have three options for pursuing their study of philosophy and religion. They can declare a humanities major with a concentration in philosophy and religion. They can earn a minor in philosophy and religion. Finally, students can choose to earn an Associate of Arts degree in philosophy.

Philosophy

P221 Introduction to Philosophy

Fall-Spring Semesters

An examination of the fundamental problems of philosophy including a brief survey of the different philosophical schools of thought of historical importance and contemporary influence.

3 class periods. 3 credit hours.

P222 Critical Thinking

Fall-Spring Semesters

This course is aimed at providing students with the analytical and evaluative skills necessary to thinking clearly and critically. Such skills will enable students to distinguish good reasoning from poor reasoning and therefore enable students to further their intellectual development and ability to achieve success in their college studies.

3 class periods. 3 credit hours.

P223 Modern Moral Values and Social Issues

Fall-Spring Semesters

This course attempts to apply philosophy to the problems and issues of contemporary life, such as moral issues (attitudes towards sex, abortion, euthanasia, homosexuality), political questions (equality of women, reverse discrimination, civil disobedience, conflicts between control and freedom), and contemporary religious and quasi-religious movements (the cults and mysticism from Zen to sci-fi).

3 class periods. 3 credit hours.

P231 Logic

An examination of the basic concepts of deductive and inductive reasoning, the goal of which is to develop a system of methods and principles that can be used to evaluate arguments and as a guide in constructing arguments.

3 class periods. 3 credit hours.

P240 Environmental Ethics

This course explores three interrelated topics: the envi-

Course Descriptions

ronmental crisis of our time, the teachings of philosophical and religious ethics that can foster the development of an environmental ethics, and the activities and actions demanded by an environmental ethic.

3 class periods. 3 credit hours.

P321 Epistemology

The study of the nature, sources, scope, and validity of knowledge. Issues addressed may include how knowledge is acquired, whether we can know anything for sure, the nature of truth, and the relation of knowledge to social and cultural forces.

3 class periods. 3 credit hours.

P331 Metaphysics

Metaphysics is concerned with questions about the ultimate nature of reality and seeks basic criteria for determining what sorts of things are real. Topics addressed may include the mind-body problem, the freedom of the will, personal identity, the existence of God, and the nature of space and time.

3 class periods. 3 credit hours.

P341 Ethics

Study of the notions of right and wrong and the good, according to ethical theories and practical application.

3 class periods. 3 credit hours.

P343 Ethical Issues in Peace and Conflict

A study of central concerns related to war and peace from an ethical perspective. The course will deal with ethical principles regarding war, and consider such issues as human rights, the causes of violence, ecological disorders, population problems and distribution of global resources, from an ethical standpoint.

3 class periods. 3 credit hours.

P345 Ethics in Health Care

This course introduces students to concepts of ethical decision-making and their application to ethical issues in the provision of health care. This interdisciplinary course will be taught by faculty from both the English and Humanities and Nursing Departments. This course will present selected health care issues for analysis in the classroom setting to better prepare students to resolve those and other related issues outside of the educational setting.

3 class periods. 3 credit hours.

P351 Aesthetics

An introduction to theories of art. Analysis of aesthetic experience, expression, creation, and structure. The social role of art and function of aesthetic criticism will be considered.

3 class periods. 3 credit hours.

P361 Contemporary Philosophy

A study of various twentieth century philosophical movements, figures, and trends analyzing their philo-

sophical, social, and historical backgrounds, their influence, and their importance for contemporary issues.

3 class periods. 3 credit hours.

P498, P499 Independent Study

An opportunity for the student who wishes to undertake a well-defined research project in an area of philosophy. While the student conducts work under the guidance of a faculty member of his or her own choosing, the project is carried out in an independent manner without regular class meetings. Effective independent study is characterized by a reduction in formal instruction and an increase in the individual student's responsibility and initiative in the learning process.

Religion

P265 Living Religions

An introduction to the world's living religions—Hinduism, Buddhism, Taoism, Confucianism, Judaism, Christianity and Islam. The role of primitive religions and the confrontation of religions in our contemporary world will also be studied.

3 class periods. 3 credit hours.

P266 Biblical Religions

An introduction to the Scriptures of Judaism and Christianity. The historical, literary and religious aspects of the Biblical writings will be studied.

3 class periods. 3 credit hours.

P268 Religious Thought and Culture in Western Civilization

An investigation of the phenomenon of religion as it has functioned in western culture. Some comparisons with religion in eastern culture will be considered.

3 class periods. 3 credit hours.

P369 American Religious Thought and Culture Fall-Spring Semesters

A study of the background of Catholicism, Protestantism, Judaism, and Native American religious traditions in the United States, as well as contemporary American religious movements.

3 class periods. 3 credit hours.

P498, P499 Independent Study

An opportunity for the student who wishes to undertake a well-defined research project in an area of philosophy. While the student conducts work under the guidance of a faculty member of his or her own choosing, the project is carried out in an independent manner without regular class meetings. Effective independent study is characterized by a reduction in formal instruction and an increase in the individual student's responsibility and initiative in the learning process.

Course Descriptions

HISTORY AND POLITICAL SCIENCE DEPARTMENT

The Department offers courses in Geography, History, International Studies and Political Science. The Bachelor of Arts degree is available with a major in History or Political Science (International Studies, Government or Public Administration concentration).

The philosophy of this department is to teach history, government, geography, international studies and public administration in such a way as to provide the student with a significant degree of competency in these areas and to challenge the student to confront the fundamental questions of life.

Students majoring in History are required to take a minimum of 36 credit hours in this field—including 15 hours of required courses. The program of studies must include advanced courses in American, European, and Third World history to insure proper depth in, and exposure to, the discipline. History majors are required to complete 12 hours of a foreign language.

Required courses in International Studies concentration include the satisfactory completion of 12 hours in a foreign language. The program is oriented toward the academic needs of those students planning to enter the various fields of international business, government or international organizations.

The interdisciplinary major Latin American Studies combines the study of Latin American history and government with courses in the Spanish language.

All department majors must earn a 2.0 or better in designated courses as specified by the department for a given major.

Certain history and foreign culture courses may be used to fulfill the core requirement for foreign culture/foreign language. See page 4 of Section 5 to determine which courses may be used.

Geography

G243 Introduction to Geography Fall-Spring Semesters

The relation of man to his natural environment: motions of the earth, land forms, water bodies, weather, climate, soils, and vegetation. Survey of major political and cultural regions of the world, use of maps and atlases.

3 class periods. 3 credit hours.

G244 Economic Geography Spring Semester

An introductory survey and analysis of world patterns of economic activity. Emphasis is placed on raw material occurrence, resource potential, circulation of trade, and services and principles governing the location of manufacturing and commercial activity.

3 class periods. 3 credit hours.

G260 Introduction to Cartography Fall Semester (on demand)

Introduction to the history and techniques of Cartography. Principles and practice of field survey, photo-interpretation, remote sensing and computer assisted cartography. Use and application of cartographic skills in the various sciences and disciplines. Not open to freshmen.

3 class periods. 3 credit hours.

G341 Geography of North America Fall Semester

A regional study of the United States and Canada emphasizing physical, cultural and economic aspects as well as geographic sub-regions. Emphasis on population patterns, sequent occupancy, and urban-industrial growth. Not open to freshmen.

3 class periods. 3 credit hours.

G345 Urban Geography Fall Semester

Systematic study of urban areas and metropolitan groupings with special emphasis on North America. Historic development of urban forms, land use, planning and rehabilitation are studied in the context of the Southern Pennsylvania Region. Not open to freshmen.

3 class periods. 3 credit hours.

G350 Survey of Canada Spring Semester

Geographic interpretation of Canada emphasizing physical environment, historical geography, economy, population trends, urbanism, bi-cultural accommodation and relations with the U.S.A. Not open to freshmen.

3 class periods. 3 credit hours.

European History

H121, H122 The History of Western Civilization I, II Fall-Spring Semesters

A survey of material from prehistory to the present; the civilizations of the Near East and the Mediterranean; medieval history; the Renaissance and Reformation; the expansion of Europe, the French Revolution; the Industrial Revolution; Nationalism in Italy, Germany, and the Balkans; the First World War; post-war Europe, the Second World War and contemporary history.

3 class periods. 3 credit hours.

H224 Ancient History (Prehistory to 476)*

A study of the prehistory of man, the origins of civilization in the Near East, the achievements of Greek civilization, and the rise and decline of Roman power in the Mediterranean with emphasis upon the political, social, economic, and cultural aspects of classical civilization.

3 class periods. 3 credit hours.

Course Descriptions

H225 Medieval Civilization

The political, economic, and intellectual evolution of European civilization from the decline of the Roman Empire to the late 14th century.

3 class periods. 3 credit hours.

H226 Renaissance and Reformation (1400–1648)

The transition from medieval to modern Europe with major emphasis upon significant intellectual, religious, political and economic changes during these centuries.

3 class periods. 3 credit hours.

H330 History of 20th Century Russia and C.I.S.

A study of Russia from 1861 to present. Russia on the eve of World War I and 1917 Revolution; collapse of Tsarist Russia and formation of U.S.S.R.; domestic developments and foreign relations under the Communist regime, prior, during and after World War II; collapse and disintegration of the Soviet Union and formation of the Commonwealth of Independent States.

3 class periods. 3 credit hours.

H332 Eastern and Central Europe

A survey of the histories of Eastern and Central European nations with special emphasis on the 20th century: socio-economic, political and cultural developments as independent nations after World War I and under Communist rule after World War II; contemporary developments after the collapse of Communism.

3 class periods. 3 credit hours.

H333, H334 History of England

A survey of the major political, economic and social trends in England from 55 B.C. to the present. The first semester will trace the evolution of the English people and their government from the Roman conquest to the end of the 17th century. The second semester will concentrate on the major trends in Britain and the Empire from 1700 to the present.

3 class periods. 3 credit hours.

H411 European Intellectual History

Students in this course will have the opportunity to read, analyze, and discuss the works of some of the greatest thinkers who have influenced the modern age. While the focus will necessarily be on the works themselves, an important objective of the course will be to explore the mutually reinforcing relationship which exists between the world of ideas and the events which surround them.

3 class periods. 3 credit hours.

H427, H428 Modern Europe (1789 to present)

An analysis of the major political, economic, and social developments in Europe from the French Revolution. Major topics will include the French Revolution, the Revolutions of 1830 and 1848, the unifications of Germany and Italy, the problems of nationalism, and imperialism in the first semester. The emergence of com-

munist, World Wars I and II, and the problems of the postwar eras will be developed in the second semester.

3 class periods. 3 credit hours each semester.

American History

H221, H222 History of American Civilization I, II Fall-Spring Semesters

An integrated survey of the cultural, social, political and economic development of the United States from 1492 to the present. The first semester (H221) covers the period from the Age of Exploration to the end of the Civil War; the second semester (H222) traces American development from Reconstruction to the present. In both courses emphasis will be on the evolution of a distinctive American culture and character.

3 class periods. 3 credit hours each semester.

H230 Race and Racism in the Americas

A Historical Survey of race and racism in the Western Hemisphere with emphasis on the U.S. Course will include historical experience of various minority groups (i.e., Blacks, Indians, Hispanics, Asians, etc.). Discussion will include political, legal, economics and social aspects of racism.

3 class periods. 3 credit hours.

H233 Pre-Columbian Civilizations The Incas

Spring, odd numbered years

This course provides an in-depth examination of the Inca Indian civilization from the year 1000 B.C. to the coming of the Spanish in 1530. Both historical and archaeological records are presented and interpreted. Inca cosmology, subsistence strategies, social structure, intellectual and artistic achievements are examined.

3 class periods. 3 credit hours.

H234 Pre-Columbian Civilizations

The Mayas

Spring, odd numbered years

This course provides an in-depth examination of the Mayan Indian civilization from the year 1000 B.C. to the coming of the Spanish in 1520. Both historical and archaeological records are presented and interpreted. Maya cosmology, subsistence strategies, social structure, intellectual and artistic achievements are examined. Recent research concerning decipherment will be discussed.

3 class periods. 3 credit hours.

H235 Pre-Columbian Civilizations The Aztecs

Spring, even numbered years

This course provides an in-depth examination of the Aztec Indian civilization from the year 1000 A.D. to the coming of the Spanish in 1520. Both historical and

Course Descriptions

archaeological records are presented and interpreted. Aztec cosmology, subsistence strategies, social structure, intellectual and artistic achievements are examined.

3 class periods. 3 credit hours.

H245 The American Military Experience

This course examines the origins and evolution of American military institutions, traditions, and practices from 1775 to the present. It will emphasize military policy, organization, technology, and employment together with their relation to contemporary political, social, and economic developments during the era under study.

3 class periods. 3 credit hours.

H342 Women in the United States: A History

This course will analyze the history of women in the United States from the colonial period to the present. The course will attempt to understand the impact which political, social, economic, and racial aspects of American history have had on American women, and, conversely, the impact women in the United States have had on developments within these areas.

3 class periods. 3 credit hours.

H351 American Colonial History (1607-1775)

Colonial origins of the United States including a study of institutions, values, thought and cultural development prior to the American Revolution. Emphasis is given to the roots of this nation's political, economic, social and constitutional traditions.

3 class periods. 3 credit hours.

H352 The New American Nation (1776-1815)

Events, ideas and personalities associated with creation of the American Republic. The focus of the course will be on the creation of the American Constitution and its implementation during the Jeffersonian era.

3 class periods. 3 credit hours.

H353 The Jacksonian Era (Middle Period, 1816-1846)

An analysis of the political, economic and social forces which characterized this period in American history. Growing sectional tensions, major personalities and popular culture will be stressed.

3 class periods. 3 credit hours.

H354 Coming of the Civil War, 1846-1861

This course will examine the conflicting currents in American history between 1846-1861 which led the nation into the Civil War. Particular attention will be focused on the intricate relationships between slavery, racism, economics, and politics.

3 class periods. 3 credit hours.

H355 Civil War and Reconstruction, 1861-1877

This course will analyze the political, economic, and

military ramifications of the Civil War itself. It will examine also the relationships between politics, economics, and race during the Reconstruction period in order to gain an understanding of both the limits and legacy of that era.

3 class periods. 3 credit hours.

H356 The Emergence of Modern America, 1877-1914

A continuation of the American history sequence from the Civil War to the Wilson Era. Emphasis on the Civil War legacy, economic growth and its consequences, the Gilded Age, overseas expansion and rise of world power, protest and reform, including the Progressive Movement.

3 class periods. 3 credit hours.

H357 Twentieth Century American History, 1914-1945

This course will examine American history from 1914 to 1945, a topsy turvy period, during which time Americans experienced a boom, a bust, and two world wars. Among the subjects that the class will examine closely are: the Red Scare, the Scopes Trial, Prohibition, the Great Crash, the New Deal and the homefront during World War II.

3 class periods. 3 credit hours.

H358 Recent America, 1945-Present Fall, even numbered years

An intensive examination of U.S. history from 1945 to the present. Emphasis will be placed on the Cold War, the civil rights', women's and anti-war movements of the 1960s, and the economic changes of the 1970s and 1980s.

3 class periods. 3 credit hours.

H370 (H321) American Constitutional Thought Fall Semester

Development of the American constitutional system beginning with the English background and progressing to the present time. Emphasis given to historical perspective, the evolution of the U.S. constitution and the impact of judicial interpretations and law on a changing American society.

Note: Credit allowed as either a History or Political Science course.

3 class periods. 3 credit hours.

H429 War and Peace: The American Diplomatic Experience

An analysis of American diplomacy from the early Republic to the present day with emphasis on the period since World War II. Special attention is directed toward the problems and challenges of contemporary American diplomatic practice.

3 class periods. 3 credit hours.

Course Descriptions

H441 American Economic History

A study of the development of the American economy from Colonial times to present with an emphasis on the late 19th and 20th centuries, stressing the growth of labor, rise of big business, and the changing role of government in the nation's economy from the Civil War to present.

3 class periods. 3 credit hours.

H450 American Social and Cultural History

A review of the main social and cultural currents in American history since colonial times as reflected in political and economic developments, social thought, theology, science and philosophy with particular emphasis on the interaction between ideas and social structure.

3 class periods. 3 credit hours.

Advanced History Courses

H300 Oral History: Techniques and Research

Fall Semester

Oral history is a technique for creating and preserving original information. It is both a research method and a teaching tool. Through informed and empathetic interviewing, we acquire information about families, individuals, and organizations. Conducted properly, oral history is a limitless form for exploring and documenting the variety of human experiences. Local projects have included well known area residents, work with Crispus Attucks, the paper industry, Holocaust survivors, Vietnam Veterans and the Greek-American Community.

3 class periods. 3 credit hours.

H440 Seminar in History

Spring Semester

Selected topics dealing with research, methodology and philosophy of historical thought. Open to seniors with a concentration in history.

3 class periods. 3 credit hours.

H460, H461 History Internship

Specialized historical experience with a local historical agency. Emphasizes independent research in cooperation with the participating institution. Departmental approval is required in advance. Pass/fail only.

3-6 credit hours.

H498, H499 Independent Study

The Independent Study Program affords an opportunity for students who wish to undertake a well-defined research project. While these students conduct their work under the guidance of a faculty member of their own choosing, the project is carried out in an independent manner without regular class meetings. Effective independent study is characterized by a reduction in formal instruction and an increase in the individual stu-

dent's responsibility and initiative in the learning process.

1-3 credit hours each semester.

History—The Third World

H227 Colonial History of Latin America

The first semester concentrates on the ancient Indian civilizations of the Americas as well as the colonial Spanish and Portuguese empires.

3 class periods. 3 credit hours.

H228 Modern Latin America

Emphasis is on the modern historical development of the Latin American nations since independence. Each semester certain select countries or regions will be emphasized.

3 class periods. 3 credit hours.

H250 American-East Asian Relations

Fall-Spring Semesters

An analysis of significant international events, issues and problems in East Asia, including the role of the U.S. in that region from nineteenth century to the present time. Topics: the U.S. Open Door Policy, the Pacific, Korean and Vietnam Wars, American-Japanese trade, and Sino-American relations. Not open to freshmen.

3 class periods. 3 credit hours.

H303 History of Africa

Fall Semester

Survey of Africa from the prehistoric period to the contemporary era. Emphasis is placed on the development of indigenous states, the early influence of Europeans, the evolution of the slave trade, European colonization, the struggle for independence and the challenges of modern statehood. Not open to freshmen.

3 class periods. 3 credit hours.

Intercultural Studies

The basic purpose of the Intercultural Studies program is to offer students an introduction to Africa, East Asia, Latin America, the Middle East, Russia and Eastern Europe, and South Asia as a means of broadening their international awareness in a time of expanding horizons. This introductory course achieves maximum breadth through an interdisciplinary and intercultural approach.

Introductory Intercultural Studies

(offered every semester)

X143	Introduction to Africa	Three credits
X144	Introduction to East Asia	Three credits

Course Descriptions

X145	Introduction to Latin America	Three credits
X146	Introduction to the Middle East	Three credits
X147	Introduction to Russia and Eastern Europe	Three credits
X150	Introduction to South Asia	Three credits

Each of the above courses is an introductory survey of the designated area. The course content is interdisciplinary and encompasses aspects of history, government, sociology, anthropology, art, music, literature and religion of the particular area.

Upper-level Intercultural Studies

To meet the interest of those students whose introductory work has given them a desire for further studies, as well as to meet the needs of students in other departments who, on an elective basis, wish to study a non-Western world area intensively, a number of advanced history and political science courses are available.

PS243 Government and Politics of Africa

A discussion seminar on the government and politics of representative African states. This study will also consider the relevance of trends in governing structures, economic patterns, international relations and nationalism in contemporary Africa. Not open to freshmen.

3 class periods. 3 credit hours.

PS244 Government and Politics of East Asia

Spring Semester

The course examines the changing socio-economic, cultural, and political aspects of PRC, the ROK, and Japan. Special attention is given to Maoism and the Cultural Revolution, China's Second Revolution, the quest for democracy in South Korea, and Japanese economy.

3 class periods. 3 credit hours.

PS245 Government & Politics of Latin America

Fall Semester

Viewing the politics of Latin America as if it were a game, the course identifies the basic rules, the domestic and foreign players involved, and the stakes in the different modes of politics and economic development. Special focus is on the countries of Argentina, Brazil, Chile, Cuba, Mexico, Nicaragua, Peru and Venezuela. Not open to freshmen.

3 class periods. 3 credit hours.

PS246 Government & Politics of the Middle East

Fall Semester

A broad study of the governments and political systems of different countries of the Middle East. Special emphasis will be on the socio-economic and cultural

changes, legacy of imperialism, nationalism, interpretation of Arab-Israeli conflict, Iranian Revolution, revival of Islam, Iran-Iraq War, the Gulf War, and the prospect for future peace in the Middle East. Not open to freshmen.

3 class periods. 3 credit hours.

PS247 Government and Politics of Russia and C.I.S.

Fall Semester

A brief comparative survey of Tsarist and Soviet governments and socio-economic, political and ideological systems; a more detailed study of contemporary government and political structures of Russia and the countries of the Commonwealth of Independent States.

3 class periods. 3 credit hours.

PS250 Governments & Politics of South Asia

Spring Semester

A broad study of the governments and political structures of different countries in South Asia. The course will contain a good deal of analysis and theoretical insight into the cultural and historical milieu in which political developments take place. The focus will be on India, Pakistan, Bangladesh, Nepal, Bhutan, Sri Lanka, and Maldives. Not open to freshmen.

3 class periods. 3 credit hours.

Government (Political Science)—Public Administration

PS100 Introduction to Political Science

Fall-Spring Semesters

An introduction to modern political science and the political experience. Topics to be discussed will include the perennial problems of politics and public policy as well as classical and modern approaches to these problems. Special attention will be paid to the key figures and schools of modern political science.

3 class periods. 3 credit hours.

PS141 American Government

Fall-Spring Semesters

A study of the structure and functions of American national government, including the formal and informal roles of the Congress, the Presidency and the Courts. The course will also include the nature of federalism and the extent of national power. Discussion of current domestic and foreign policy issues will be included in the course.

3 class periods. 3 credit hours.

PS151 (PC201, PS251) Introduction to Public Administration

Fall Semester

An introductory study of structure, organization and management of public departments and agencies. The

Course Descriptions

course will also focus on the differences between public and private administrative settings and the implications of the American Federal System for Public Administration.

3 class periods. 3 credit hours.

PS242 State and Local Government Fall-Spring Semesters

A study of the structure and functions of the major types of state, county and city governments, regional authorities; metropolitan areas. Special attention will be given to the government of the state of Pennsylvania and to the unique problems of contemporary urban politics.

3 class periods. 3 credit hours.

PS301 Comparative Government Spring, odd numbered years

A comparative examination of the governmental systems and political processes of selected Western democracies, developing nations and communist states. Special attention will be given to issues and problems of the third world.

3 class periods. 3 credit hours.

PS302 International Relations Spring Semester

An introduction to the major influences in the relationships between states. Emphasis is on the historical emergence of the International System. Internal and external influences on foreign policies are examined. Topics such as Arms Control, North-South relationships, International Organizations, Global Problems and World Peace are explored in depth.

3 class periods. 3 credit hours.

PS303 (PS460) American Foreign Policy Fall Semester

Concerns the formation and conducts of U.S. relations with other nations of the world; emphasis is institutional with policy makers and policy execution at the center. Fundamental American values in foreign policy and the roles of leaders instrumental in creating and developing foreign policy objectives are examined. Open to juniors and seniors.

3 class periods. 3 credit hours.

PS305 Parties, Campaigns and Elections Offered even numbered fall semesters Election years

The nature and function of political parties in the American two-party system; the impact of the mass media and campaign reform on the electoral process; third party movements; the future of both major political parties. Special attention will be paid to the most recent Presidential nominations, campaigns, and election.

3 class periods. 3 credit hours.

PS306 Introduction to International Organizations Fall Semester

This course deals primarily with the origins, nature and functions of international organizations (the League of Nations, the United Nations, and regional organizations). The course examines the cooperative approach to international problems. A special attention is given to the structure and functions of the U.N. and the relations among the U.S., the U.N., and the Third World. Prerequisites: PS100 and PS302 or instructor's approval.

3 class periods. 3 credit hours.

PS310 Decision Making in the Public Sector Spring, odd numbered years

Decision making theory as it applies to the public sector. Includes both individual and group decision making environments as well as the political, psychological and quantitative implications of decision making. Attention is given to the differences between the public and private sector (i.e., lack of profit motive, differences in sales and advertising techniques, etc.), and the impact of the political environment upon the public decision-making process.

3 class periods. 3 credit hours.

PS312 Politics of Public Policy Fall, even numbered years

Analysis of the development, implementation and evaluation of public policy within the federal system. The course will view the public policy from the perspective of the executive, legislative, judicial and bureaucratic branches of government. In addition, emphasis will be placed on public input into the governmental process.

3 class periods. 3 credit hours.

PS352 Introduction to Public Finance Fall, odd numbered years

This is an introductory course in Public Finance. The course focuses on the scope of government authority, theory of taxation, the sources of revenue for government, the budgetary process in government and the role of federalism in these relationships.

3 class periods. 3 credit hours.

PS360 Political Theory Spring Semester

An examination of selected themes and issues in political theory. Topics to be considered include the nature of justice, the problem of community, theories of obligation and rights, the nature of the state, the problem of historicism and relativism. Special attention will be paid to the implications of modern thought.

3 class periods. 3 credit hours.

PS361 American Political Thought Fall, odd numbered years

An introduction to American political thinking from

Course Descriptions

the founding to the present. This course deals with the uniqueness of and tensions in the American tradition through a critical examination of the thought of American statesmen and theorists.

3 class periods. 3 credit hours.

PS370 American Constitutional Thought

Fall Semester

Development of the American constitutional system beginning with the English background and progressing to the present time. Emphasis given to historical perspective, the evolution of the U.S. constitution and the impact of judicial interpretations and law on a changing American society.

Note: Credit allowed as either a History or Political Science course.

3 class periods. 3 credit hours.

PS440 Seminar in International Relations

Spring Semester

Overview of conceptual approaches to the study of international relations. Readings, discussion and research on selected aspects of global politics. Prerequisites: PS100, PS302 & PS303 or instructor's approval. Open to juniors and seniors.

3 class periods. 3 credit hours.

PS470 Readings in Public Administration

Spring, even numbered years

Selected topics in Public Administration to include the application of theories in psychology, sociology and management to Public Administration.

3 class periods. 3 credit hours.

PS490, 491 Government/Public Administration Internship

Specialized governmental experience in a selected city, county, state or federal agency. Independent research may be a part of this experience. Departmental approval is required in advance. Pass/fail only.

3-6 credit hours each semester.

PS498, 499 Independent Study

The Independent Study Program affords an opportunity for students who wish to undertake a well-defined research project. While these students conduct their work under the guidance of a faculty member of their own choosing, the project is carried out in an independent manner without regular class meetings. Effective independent study is characterized by a reduction in formal instruction and an increase in the individual student's responsibility and initiative in the learning process.

1-3 credit hours each semester.

DEPARTMENT OF MUSIC, ART AND SPEECH COMMUNICATION

The Department of Music, Art and Speech Communication offers programs of study leading to a Baccalaureate degree in Music, Art or Speech Communication with emphasis in general Speech or Radio and Television. A student may also pursue an Associate degree in Art, Music or Radio and Television. Programs of study leading to a minor are also available in Art, Music, Speech, and Public Relations.

Visual Arts

Courses in art appreciation and history as well as a wide variety of studio courses are offered for both the Art major and non-major. The Bachelor of Arts degree in Art offers a four-year curriculum preparing the student for a variety of professional careers or for graduate study. For the Baccalaureate degree in Art a total of 42 credit hours of specified art courses and 12 credit hours of elective courses are required. The Associate degree in Art offers a two-year course of study. Courses in art education are offered as an area of concentration to students taking the Bachelor of Science degree in Elementary Education.

Art Appreciation and History

A101 Introduction to Art Appreciation

Fall-Spring-Summer Semesters

A non-technical course designed to increase the students' sensitivity to all forms of visual art. A consideration of the nature of art, the plastic elements, principles of esthetic organization, and influences affecting style and techniques in art works.

3 class periods. 3 credit hours.

A203 History of Art I

Fall, odd numbered years

A survey of the major developments in painting, sculpture, and architecture in the Western World from pre-



Course Descriptions

historic times to the Italian Renaissance. Esthetic developments will be considered in relation to the various physical and cultural aspects of ancient and medieval societies. Prerequisite: A101.

3 class periods. 3 credit hours.

A205 History of Art II **Spring, even numbered years**

A survey of painting, sculpture, and architecture of the Western World from the Italian Renaissance to the nineteenth century. Esthetic developments will be studied in relation to the various intellectual and cultural aspects of the societies in which they occurred. Prerequisite: A203.

3 class periods. 3 credit hours.

A301 History of Art III **Fall, even numbered years**

A survey of painting, sculpture, and architecture in the Western World from the beginning of the nineteenth century to the present. Relationships between esthetic developments and the prevailing social issues, intellectual attitudes, and artistic traditions of the times will be emphasized. Prerequisite: A205.

3 class periods. 3 credit hours.

A405 History of American Art **Spring, odd numbered years**

A survey of painting, sculpture, architecture, and the applied arts of the United States from the pre-colonial period to the present, with emphasis on the environmental, cultural, and historical factors which have shaped them.

3 class periods. 3 credit hours.

Studio Courses*

A106 Introduction to Ceramics **Spring Semester**

An introductory course in clay covering the theory, history and techniques of ceramics. Through a series of projects students will explore basic hand building processes as well as gain an understanding of glazes and firing. Class will include an introduction to the potters wheel, demonstrations, slides, critiques.

6 lecture and studio periods.

3 credit hours.

A107 Design I **Fall Semester**

Introduction to the elements of design as structured in problems emphasizing organizational principles. Studies of specific problems of two and three dimensions in terms of space, light and movement.

6 lecture and studio periods.

3 credit hours.

A108 Design II **Spring Semester**

Advanced problems involving two and three dimensions emphasizing the contemporary use of the plastic elements in various means of communication. Prerequisite: A107.

6 lecture and studio periods.

3 credit hours.

A207 Drawing I **Fall-Spring-Summer Semesters**

Studies from the figure, still life, and environment, investigating the inherent expressive potential of drawing media in a search for form. Problems structured to develop memory and imagination through the use of plastic elements. Principles of organization introduced.

6 lecture and studio periods.

3 credit hours.

A208 Drawing II **Fall-Spring-Summer Semesters**

Continuation and expanded experiences in the content of Drawing I. Prerequisite: A207.

6 lecture and studio periods.

3 credit hours.

A209 Drawing III **Fall-Spring-Summer Semesters**

Continuation and expanded experiences in the content of Drawing I. Prerequisite: A208.

6 lecture and studio periods.

3 credit hours.

A210 Drawing IV **Fall-Spring-Summer Semesters**

Continuation and expanded experiences in the content of Drawing I. Prerequisite: A209.

6 lecture and studio periods.

3 credit hours.

A211 Computer Graphics **Fall Semester**

This course has the dual purpose of introducing the student to the techniques and equipment involved in creating, storing, printing and displaying computer-generated images while also introducing the student to strategies for the presentation of various types of information in visual terms.

6 lecture and studio periods.

3 credit hours.

A216 Sculpture I **Fall-Spring Semesters**

Techniques and problems for the beginning sculptor. Students will do work in clay from live models, study anatomy and construct armatures.

6 lecture and studio periods.

3 credit hours.

Course Descriptions

A219 Sculpture II

Fall-Spring Semesters

More advanced problems in sculpture. Sketches in clay executed in plaster. Compositions in plaster. Prerequisite: A216.

6 lecture and studio periods.

3 credit hours.

A316 Sculpture III

Fall-Spring Semesters

Advanced problems in sculpture with emphasis given to the use of a variety of materials. Students will have the opportunity to do direct carving in either wood or stone. Prerequisite: A219.

6 lecture and studio periods.

3 credit hours.

A322 Sculpture IV

Fall-Spring Semesters

A continuation of Sculpture III with emphasis on individual student projects. Students will have the opportunity to do direct carving in either wood or stone. Prerequisite: A316.

6 lecture and studio periods.

3 credit hours.

A271 Photography I

Fall-Spring Semesters

An introduction to the art, esthetics, theory and practice of black and white photography. The student will be expected to supply his/her own camera and specific photographic equipment.

6 lecture and studio periods.

3 credit hours.

A272 Photography II

Fall-Spring-Summer Semesters

An advanced class in photography for students who already understand the basics of black and white photography, exposure, and printing. As a continuation of Photography I, the course explores a variety of processes and treatments, such as toning, handcoloring, solarizations, and high contrast Kodalith film. Consideration will be given to use of the view camera, studio lighting with multiple strobes, as well as color theory and practice. Prerequisite: A271.

6 lecture and studio periods.

3 credit hours.

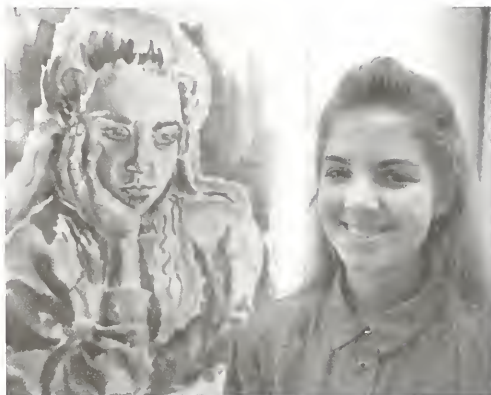
A310 Commercial Art

Spring Semester

A study of lettering and layout with consideration given to the commercial printing processes by which such material is reproduced. Prerequisite for Art majors: A107, A207.

6 lecture and studio periods.

3 credit hours.



A317 Painting I

Fall-Spring-Summer Semesters

An introduction to oil painting in both its technical and esthetic aspects. Emphasis on the development of fundamental painting skills. Prerequisite for Art majors: A107, A207.

6 lecture and studio periods.

3 credit hours.

A318 Painting II

Fall-Spring-Summer Semesters

Continuation of Painting I. Further experience in exploring methods and materials of painting media. Experiments in the use of toned grounds, glazing, and other techniques. Prerequisite: A317.

6 lecture and studio periods.

3 credit hours.

A319 Painting III

Fall-Spring-Summer Semesters

Continuation of Painting II. Further experience in exploring methods and materials of painting media. Experiments with acrylics, watercolor, collage, assemblage, and other media. Prerequisite: A318.

6 lecture and studio periods.

3 credit hours.

A320 Painting IV

Fall-Spring-Summer Semesters

Continuation of Painting III, with emphasis on independent efforts of the student to utilize various painting techniques in the quest for individual expression and style. Prerequisite: A319.

6 lecture and studio periods.

3 credit hours.

A498, A499 Independent Study

Fall-Spring Semesters

For the student who wishes to undertake a well-

Course Descriptions

defined independent project in either studio work or in Appreciation, History, or Theory. While the student conducts the work under the guidance of a faculty member of the student's choosing, the project is carried out in an independent manner without regular class meetings. Effective independent study is characterized by a reduction in formal instruction and an increase in the individual's responsibility and initiative in the learning process.

1 to 3 credit hours.

* Instructors of all studio art courses reserve the right to permanently retain at least one example of each student's work for exhibition purposes.

Art Education

A374 Art Education for Elementary Teachers Fall-Spring-Summer Semesters

Introduction to theories of art education. Consideration of problems in programming art activities for specialized areas of elementary education. Emphasis given to self-contained classroom, special education classes. The course will also explore practical working applications of the major theories discussed in class.

3 class periods. 3 credit hours.

A384 Art in Recreation

This course will provide students in the Recreation major with skills in a wide variety of art activities. These activities are for recreational programming as well as therapeutic use for different age levels, interests and abilities and for participants in community and institutional recreation settings.

3 class periods. 3 credit hours.

Speech Communication

Speech Communication includes the study of the theories and skills of human communication that comprise the contexts of intrapersonal, interpersonal, small group, public and mass communication.

The Division of Speech Communication provides courses and programs of study for the entire York College population—students wishing to major in the field as well as students pursuing a minor in Speech Communication.

Baccalaureate degree students may pursue a Speech Communication degree with a concentration in General Speech Communication or Radio/Television. Students choosing the Speech concentration are preparing for communication careers in public relations, sales, advertising, and business as well as work within health, social or governmental organizations. The Radio/Television concentration prepares students for ca-

reers in commercial broadcasting or industrial applications of sound and video.

Students pursuing a Baccalaureate degree must receive a grade of 2.0 or better in their major courses in order to meet the requirements for graduation. In addition, a grade of 2.0 is required in E101, E102, and CM204.

The minor in Speech clearly complements almost any discipline. The minor combines the basic elements of human communication theory with the development of specific skills that permit effective communication in a variety of environments.

An Associate degree is available in either General Speech Communication or Radio/Television. Associate degree students will receive instruction in theory and skill development necessary for successful application in related work environments.

CM150 Beginning Sign Language Fall-Spring Semesters

An introduction to signed languages and manual communication skills, including the manual alphabet, an introduction to Deaf culture, approximately 200 basic signs and the history and place of signed communication in society.

2 hours of laboratory. 1 credit hour.

CM204 Introduction to Speech Communication Fall-Spring-Summer Semesters

An introduction to the dynamics of speech communication, including analysis of the variables inherent in intrapersonal, interpersonal, small group, and public communication. The student will learn to analyze communication situations and develop criteria for determining the effectiveness of speech by participation in speaking and evaluation assignments.

3 class periods. 3 credit hours.

CM206 Principles of Communication Spring Semester

An introduction to the most important theories and principles of communication. Special attention is given to information theory, persuasion theory, verbal and nonverbal codes, and critical reasoning. Stress is placed on relating these and other theories to the student's general speech, or radio/television emphasis. Prerequisite: CM204 or concurrent with CM204.

3 class periods. 3 credit hours.

CM221 Public Relations Fall Semester

Students enrolled in the class will examine the theories and principles, as well as effective strategies and techniques, of Public Relations Research, planning, execution, and evaluation. Students will prepare case studies and a Public Relations campaign report in addition to normal examinations covering course content.

3 class periods. 3 credit hours.

Course Descriptions

CM231 Radio Production

Fall-Spring Semesters

Theory and practice in sound-studio production techniques, including operation of studio and control room equipment, sound effects, out-of-studio (remote) productions, and a variety of program forms.

2 class periods.

3 hours practicum. 3 credit hours.

CM232, CM233, CM234, CM235 Radio Practicum

Fall-Spring Semesters

An opportunity to participate in the various activities of an on-air radio facility, including announcing, news gathering and presentation, programming, copywriting, and record and tape library activities.

1 credit hour per semester, up to 4.

CM250 Advanced Sign Language

Fall-Spring Semesters

A more intensive examination of the linguistics of signed languages and Deaf culture with an emphasis on receptive language skills and increased vocabulary. Prerequisite: CM150.

2 hours of laboratory.

1 credit hour.

CM300, CM301, CM302, CM303

Speech Practicum

Fall-Spring Semesters

Directed experiences in verbal and nonverbal communication, performance, listening, and other special topics. Credit is given for speeches made in the community and/or with the forensics team at inter-collegiate competitions.

1 class period, plus outside participation.

1 credit hour per semester, up to 4.

CM304 Group Discussion

Fall Semester

A study of the theories and skills associated with group decision making and problem solving. Students will learn the elements of participation and leadership, and will develop an understanding of how groups operate.

3 class periods. 3 credit hours.

CM306 Advanced Public Speaking

Spring Semester

A study of public speaking, through theory and performance, with emphasis on audience analysis and the rhetorical situation. Organization, content, style, and delivery will be studied. Students will give a minimum of three speeches. Prerequisite: CM204.

3 class periods. 3 credit hours.

CM311 Mass Media

Fall Semester

A survey of the theories, technology, and practice of Mass media in life and culture. Included will be an examination of the media as popular art and the development of evaluative criteria to be applied in the con-

sumption of mass communication.

3 class periods. 3 credit hours.

CM327 Persuasion

Fall Semester

A study of historical and theoretical perspectives of persuasion. Topics covered include the elements, functions, and contexts of persuasion as well as how messages are diffused. Applications are made through written papers related to topics of student interest. In addition, library research skills will be sharpened using professional journals to develop a rationale for research.

3 class periods. 3 credit hours.

CM328 Communication Strategies

Fall-Spring Semesters

A course for those with a career focus on business or employment in an organization. Students are challenged to understand the functions communication serves and to develop the skills that are required in these settings. The course pays special attention to listening, analysis of a variety of communication situations, and development and implementation of appropriate communication strategies in both the oral and written modes.

3 class periods. 3 credit hours.

CM329 Interpersonal Communication

Spring Semester

Students will combine current theories of interpersonal communication with related concepts and apply these to daily interpersonal interactions with friends, family, peers, and coworkers. Prerequisite: CM204.

2 class periods. 3 credit hours.

CM331 Television Production

Fall-Spring Semesters

A study of the practical and aesthetic factors in television production, including the operation of cameras, control room equipment, lighting, staging, performance, directing, and remote production techniques. Prerequisite: CM231.

2 class periods.

3 hours of practicum. 3 credit hours.

CM332 Radio and Television Writing

Spring Semester

An investigation of the problems and techniques inherent in writing for radio and television, including the development of ideas, writing to specific time limitations, and format. Prerequisite: CM231, CM331.

3 class periods. 3 credit hours.

CM340 Radio and Television News

Fall Semester

The theory and practice of newsgathering, writing, and presentation for the electronic communication media. Textbook study and academic exercises will be combined with practical reporting-presentation projects.

Course Descriptions

Prerequisite: CM231, CM331.

3 class periods. 3 credit hours.

CM355 Broadcast News Reporting

Spring Semester

This course is designed to provide the student with the knowledge and skills necessary to market him/herself as an entry level radio and/or television news reporter. Its format allows junior and senior level students to draw from their cumulative prerequisite courses and related hands-on practical experiences within their major at York College of Pennsylvania. Prerequisite: CM340.

3 class periods. 3 credit hours.

CM402 Communications Seminar

Fall-Spring Semesters

An intensive examination of communication theories and concepts through directed research and writing. Prerequisite: The completion of 90 credit hours, including 12 credits in speech or speech-related courses.

3 class periods. 3 credit hours.

CM421 Advanced Public Relations

Spring Semester

This course is designed to develop the student's knowledge, skills and abilities in the design, implementation, execution and evaluation of Public Relations Campaigns. Special emphasis is given to campaign research methods, strategic planning and campaign coordination, media relations, crisis communications planning, response and recovery and effective PR writing. Prerequisite: CM221.

CM450, CM451 Communications Internship

Offered on request

Planned and supervised work experience in oral or written communications at selected cooperating firms or organizations. Supplementary training conferences, reports, and appraisals. Prerequisite: 60 credits completed, 2.5 overall G.P.A., and departmental approval of each student participant's individual program.

2 to 6 hours (depending upon the length and scope of each program)

CM498, CM499 Independent Study

Offered on request

An opportunity for the student who wishes to undertake a well-defined research project. While the student conducts work under the guidance of a faculty member of his or her own choosing, the project is carried out in an independent manner without regular class meetings. Effective independent study is characterized by a reduction in formal instruction and an increase in the individual student's responsibility and initiative in the learning process. Prerequisite: 60 credits completed and 2.5 overall G.P.A.

1-3 credit hours.

MUSIC

The central purpose of the Division of Music at York College is to serve students who wish to explore the field of music as part of a liberal arts education. The program is designed to satisfy three different objectives: learning about the discipline and theory of music as part of a general education; achieving skill in performance through private music lessons or participation in a music ensemble; and the pursuit of a Bachelor of Arts degree with a major in music, leading to graduate study, a career in studio teaching, performance or some other area of the music industry. Students may also pursue an Associate of Arts degree with a music emphasis. Both of these degree programs allow the student to specialize within the broader context of a liberal arts education and are in preparation for a variety of related music careers.

The Division of Music offers a wide range of musical activities. Courses in music appreciation, jazz history, music theater, private lessons and music ensembles of many types are open to all students. More advanced courses in music theory, counterpoint, orchestration, conducting and music history are offered to those who wish to major or minor in music. Whether students are pursuing the study of music as a profession or as an avocation, they are encouraged to achieve the highest possible level of musical discrimination, creativity and skill in performance.

Professional performers, who are private instructors at the College share with their students the expertise they have gained from years of study and performance. They include principals and performers from a variety of performing groups, some of which include the York, Nittany Valley and Harrisburg Symphony Orchestras, the Huntingdon Trio and the Concert Artists of Baltimore.

Acceptance requirements:

Acceptance into the Division of Music is normally by audition. Auditions may be scheduled on an individual basis or on certain designated days during the academic school year. In special circumstances, applicants may audition by tape or they may request a provisional acceptance into the Division of Music, pending the outcome of their first semester of music study. The music audition must demonstrate musical achievement in the student's primary performing area. Two contrasting compositions of the student's choice must be presented. In addition, the student may be asked to demonstrate basic skills in sight reading, show satisfactory proficiency in executing major and minor scales and technical studies and answer questions concerning the applicant's musical experience and training. Students must meet the general admissions requirements

Course Descriptions

of the college before seeking acceptance into the Division of Music. Applications for admission to York College are available through the Admissions Office.

Attendance at Performances:

An important factor in the education of a musician is attendance at concerts and recitals. Music majors and minors are expected to attend a wide variety of programs throughout the school year. Failure to do so will seriously compromise the student's musical development and may jeopardize one's applied music grade and place in question the student's standing within the Division of Music.

Performance requirements:

All music majors, in consultation with their applied music instructor, must perform on a student recital at least once each semester.

All students pursuing a Bachelor of Arts degree in music must successfully perform a solo recital during their senior year. Six credits with a grade of "C" or better in the student's primary applied area of study must be completed before presenting the senior recital. The senior recital will be graded by the music faculty and reported on the appropriate form and filed in the Departmental Office. Before performing a public recital, the student must successfully complete a "recital hearing" at least two weeks prior to the recital date. Additional details are available from the Director, Division of Music.

Music majors maintaining a minimum full time course load must continue to enroll in their primary music ensemble until all graduation requirements have been completed, regardless of how many ensemble credits have been accumulated.

Piano proficiency requirements:

All music majors are required to meet basic piano requirements before graduation. Piano proficiency examinations are normally taken at the end of the Sophomore year, but may be taken at any examination period. A student must continue to enroll in applied piano until the examination is passed, regardless of how many credits in piano have been accumulated. If the examination is passed before the end of the Sophomore year, the student may offer voice or some other instrument to satisfy the requirement in secondary instrument. Instructions and requirements for the piano proficiency examination may be obtained from the student's advisor or the Director, Division of Music.

Applied Music:

Applied music study is an important part of a music student's experience at York College. Whether the student is taking private lessons as a requirement or as an extra curricular activity, it is in the private studio that the student learns to apply musicianship and to develop skill in performance.

Applied music lessons should be scheduled with the applied music instructor or the Director, Division of Music, during the first full week of classes of any one semester. Once the student has enrolled and scheduled a lesson time, the applied music fee will not be refunded for any reason (see Catalog under Special Fees).

The applied music student is expected to practice a minimum of 30 minutes per day, per half credit of applied music instruction. However, the student should always consult their instructor for specific practice requirements, as some instructors may require more than the minimum.

Depending on the number of credits enrolled, the student will receive 12 half hour lessons or 12 fifty minute lessons during the semester.



Course Descriptions

Excused absences due to student illness or other personal problems will be rescheduled at the instructor's discretion. Lessons missed by the instructor will normally be rescheduled.

Jury examinations:

All students taking applied music lessons are required to take an applied music final examination (jury examination) at the end of each semester of study. The examination will be administered by a committee of music faculty members, who will present the student with written comments regarding progress and a grade for the examination. This grade will constitute 25% of the student's final semester grade.

For the music major, the jury examination is particularly important. Satisfactory progress must be demonstrated with each additional semester of study. Should the student fail to do so, the examining committee may recommend that the student be placed on music probation. If the probationary status is not removed after one semester, the student may be dropped as a music major. A student may be removed from music probation by demonstrating once again satisfactory progress in the primary applied music area during the jury examination following the semester of music probation. Specific details concerning juries are available from the Director of Music.

Applied Music Courses

Voice	MU101-MU102; MU201-MU202; MU301-MU302; MU401-MU402
Piano	MU103-MU104; MU203-MU204; MU303-MU304; MU403-MU404
Organ	MU105-MU106; MU205-MU206; MU305-MU306; MU405-MU406
Flute	MU107-MU108; MU207-MU208; MU307-MU308; MU407-MU408
Clarinet	MU109-MU110; MU209-MU210; MU309-MU310; MU409-MU410
Saxophone	MU111-MU112; MU211-MU212; MU311-MU312; MU411-MU412
Bassoon	MU113-MU114; MU213-MU214; MU313-MU314; MU413-MU414
Trumpet	MU115-MU116; MU215-MU216; MU315-MU316; MU415-MU416
Trombone	MU117-MU118; MU217-MU218; MU317-MU318; MU417-MU418
Baritone	MU119-MU120; MU219-MU220; MU319-MU320; MU419-MU420
French Horn	MU121-MU122; MU221-MU222; MU321-MU322; MU421-MU422
Tuba	MU123-MU124; MU223-MU224;

Violin	MU323-MU324; MU423-MU424; MU125-MU126; MU225-MU226; MU325-MU326; MU425-MU426
Viola	MU127-MU128; MU227-MU228; MU327-MU328; MU427-MU428
Cello	MU129-MU130; MU229-MU230; MU329-MU330; MU429-MU430
String Bass	MU131-MU132; MU231-MU232; MU331-MU332; MU431-MU432
Percussion	MU135-MU136; MU235-MU236; MU335-MU336; MU435-MU436
Oboe	MU137-MU138; MU237-MU238; MU337-MU338; MU437-MU438
Guitar	MU139-MU140; MU239-MU240; MU339-MU340; MU439-MU440

MU133 Voice Class

Fall-Spring Semesters

Group study of the fundamentals of singing technique and easy vocal literature. Emphasis on posture, breath control, voice placement and stage presence. May be used as a prerequisite to private vocal study.

2 class periods. 1 credit hour.

Performance Courses

MU141-MU142; MU241-MU242;

MU341-MU342; MU441-MU442

College Singers

Fall-Spring Semesters

The College Singers is a show choir open to all students. This select group performs choreographed excerpts from Broadway musicals as well as jazz and other popular standards. Membership is by audition only.

2 rehearsals weekly. 1 credit hour.

MU143-MU144; MU243-MU244;

MU343-MU344; MU443-MU444

College Chorale

Fall-Spring Semesters

The York College Chorale is a mixed concert choir open to all music majors and other experienced singers. The group is dedicated to the study and performance of serious choral music from many style periods.

3 rehearsals weekly. 1 credit hour.

MU145-MU146; MU245-MU246;

MU345-MU346; MU445-MU446

Guitar Ensemble

A study of ensemble performance incorporating works for two or more guitars, or guitars in combination with other instruments and voice. Literature ranges from the Renaissance to contemporary.

2 hours. 1 credit each semester.

Course Descriptions

**MU165-MU166; MU265-MU266;
MU365-MU366; MU465-MU466**

York College Handbell Ensemble

Fall-Spring Semesters

The York College Handbell Ensemble is a handbell performing group open to all music majors, minors and other interested persons with some music reading ability. The group is dedicated to the study and performance of handbell ringing techniques and frequently performs on and off campus.

MU170.81

Guitar Class

A study of basic single note melody playing and chordal accompaniment on the guitar through the use of tablature and standard notation. Basic music theory study is included.

1 hour. 1 credit.

MU147-MU148; MU247-MU248;

MU347-MU348; MU447-MU448

Percussion Ensemble

To provide percussionists with an opportunity to play challenging music written specifically for their instrument. The percussion ensemble requires its members to be schooled in all areas of percussion.

2 hours. 1 credit each semester.

MU151-MU152; MU251-MU252;

MU351-MU352; MU451-MU452

Symphonic Winds

Training in the interpretation of concert band music: the classics through contemporary pop literature. The concert band performs public concerts. Membership is open to all students who have had previous band or stage band experience.

2 rehearsals weekly.

1 credit each semester.

MU153-MU154; MU253-MU254;

MU353-MU354; MU453-MU454

Jazz Ensemble

Fall-Spring Semesters

The Jazz Ensemble is open to all students with concert and/or stage band experience. Students in this group study the art of improvisation and learn to perform in all jazz styles, including swing, bop, cool, blues and rock.

2 rehearsals weekly.

1 credit hour.

MU155-MU156; MU255-MU256;

MU355-MU356; MU455-MU456

Symphony Orchestra

Fall-Spring Semesters

The Symphony Orchestra is open to all music majors and other qualified music students. The orchestra studies and performs the standard orchestral repertoire and selected contemporary compositions. The group main-

tains an active concert schedule each semester.

1 evening rehearsal weekly. 1 credit hour.

MU360 Music Theater & Co.

Summer I

The Music Theater & Co. is dedicated to the production of all types of music theater, including Broadway musicals, opera and operetta. The organization is responsible for an annual summer dinner theater production, drawing large crowds from the College and the surrounding community.

Rehearsals arranged.

3 credits, Summer I.

Historical and Theoretical Courses

MU150 Music Fundamentals

Fall-Spring-Summer Semesters

Music Fundamentals is an introduction to the study of music theory. Music notation, scales, intervals, chords, and rhythms are explored through seeing, hearing, writing, singing, and playing. Enrollment is at the discretion of the Department. May not be used to fulfill music major requirements. Students who are required to take MU150 before enrolling in MU161 or MU162, must receive a grade of "2" or better in MU150.

3 class periods. 3 credit hours.

MU161 Music Theory I

Fall Semester

Study of music notation, basic musicianship, figured-bass harmony, keyboard harmony, literature, style, form and analysis. Prerequisite: MU150 or permission of instructor.

3 class periods. 3 credit hours.

MU162 Sight Singing and Ear Training I

Fall Semester

Development of the skills of sight-singing and melodic, harmonic, and rhythmic dictation. Must be taken in the same semester with MU161.

1 class period. 1 credit hour.

MU163 Music Theory II

Spring Semester

Continuation of MU161, which is a prerequisite.

3 class periods. 3 credit hours.

MU164 Sight Singing and Ear Training II

Spring Semester

Continuation of MU162, which is a prerequisite. Must be taken in the same semester with MU163.

1 class period. 1 credit hour.

MU260 Music Appreciation

Fall-Spring-Summer Semesters

The study of Western man's changing attitude toward

Course Descriptions

himself and his environment and the musical styles and techniques developed to express them.

3 class periods. 3 credit hours.

MU261 Music Theory III

Fall Semester

Continuation of MU163, which is a prerequisite. Emphasis is on the extra-tonal chords developed in the 19th century.

3 class periods. 3 credit hours.

MU262 Sight Singing and Ear Training III

Fall Semester

Continuation of MU164, which is a prerequisite. Must be taken in the same semester with MU261.

1 class period. 1 credit hour.

MU263 Music Theory IV

Spring Semester

Continuation of MU261, which is a prerequisite. Emphasis is on the styles developed in the 20th century.

3 class periods. 3 credit hours.

MU264 Sight Singing and Ear Training IV

Spring Semester

Continuation of MU262, which is a prerequisite. Must be taken in the same semester with MU263.

1 class period. 1 credit hour.

MU272 Jazz History

Fall-Spring Semesters

Traces the historical development of jazz from its pre-history at the end of the 19th century to the present.

3 class periods. 3 credit hours.

MU361 Music History I

A historical study of the various styles and forms of music in western civilization from the time of earliest recorded history until the 18th century. Pre-requisite: MU260.

3 class periods. 3 credit hours.

MU362 Music History II

A historical study of the various styles and forms of music in western civilization from the time of the 18th century to the present. Prerequisite: MU260.

3 class periods. 3 credit hours.

MU364 Counterpoint

A study of the contrapuntal styles of the 18th and 19th centuries. Prerequisite: MU263.

3 class periods. 3 credit hours.

MU461 Orchestration

A study of the instruments of the orchestra and how to compose and arrange music for them. Prerequisite: MU260.

3 class periods. 3 credit hours.

MU462 Conducting

A study of the techniques of choral and instrumental

conducting, including use of the baton, score preparation, gesture and group organization. Prerequisite: MU461.

2 class periods. 2 credit hours.

MU498, MU499 Independent Study

The Independent Study Program affords an opportunity for the student who wishes to undertake a well-defined research project. While the student conducts his work under the guidance of a faculty member of his own choosing, the project is carried out in an independent manner without regular class meetings. Effective independent study is characterized by a reduction in formal instruction and an increase in the individual student's responsibility in the learning process.

1 to 3 credits each semester.

Music Education:

Music education at York College makes provision for the elementary education major to satisfy the Pennsylvania music requirement for elementary education certification. Elementary education majors may also complete an Area of Concentration or Cognate field in music (see page 59 of catalog for specific course requirements).

MU273 Educational Experiences in Music

Fall-Spring Semesters

Study and development of knowledge and skills for elementary education majors who wish to prepare themselves to enrich their teaching through listening to music, organizing sound, and guiding elementary students in musical experiences. No special music training or background is necessary. This course should be taken by those with little or no background in music.

3 class periods. 3 credit hours.

MU374 Music in the Elementary School

Fall-Spring-Summer Semesters

Study and use of the music subject matter, methods, and activities appropriate for elementary education majors who intend to become general classroom teachers. Students are provided the opportunity to become familiar with currently-used elementary music series materials and to make brief presentations for each other. Students who do not sing, read music, or play a musical instrument are encouraged to take MU150 Music Fundamentals as a prerequisite or enroll in Educational Experiences in Music as an alternative course. This course should be taken by those who are minoring in music, pursuing the Music Cognate, or who have a strong background in music.

3 class periods. 3 credit hours.

Course Descriptions



DEPARTMENT OF NURSING

The nursing program leads to the degree of Bachelor of Science with a major in Nursing. The program is four years in length and provides opportunities for high school graduates, transfer students, as well as registered nurses and licensed practical nurses to be admitted to the program.

The purposes of the program are: 1) to prepare qualified beginning professional nurses who will provide health service to individuals, families, groups, and communities in a broad variety of health care settings; 2) to provide an education which prepares the graduate for advanced study in nursing; and 3) to provide an educational foundation which prepares the graduate to assume the responsibility for beginning leadership in nursing. The graduate of this program will be eligible to take the examination for licensure as a Registered Nurse in all states.

ADMISSION AND PROGRESSION

The baccalaureate program in nursing is approved by the Pennsylvania State Board of Nursing and accredited by the National League for Nursing. The nursing major is a highly structured and academically intensive program. It requires motivation, investment of time, and a strong commitment to learning.

Admission to York College of Pennsylvania does not automatically ensure progression to the nursing major courses which begin at the sophomore level. To be accepted into the nursing major and to take the first clinical course, Basic Principles of Nursing (N210), students must have a 2.8 cum and must have completed the following courses with at least a "C" (2): Psychology (B161), Sociology (B185), Chemistry (CHM111 and CHM112), Anatomy and Physiology (BS212), Microbiology (BS241), Human Development (N201), Nutrition (N202), and College Algebra (MAT105) or College Math (MAT110). Note that completion of both

math courses with a "C" or better is necessary for graduation. However, only one need be completed prior to admission to the nursing major.

Registered nurses and licensed practical nurses admitted to the program must maintain a current license issued by the Pennsylvania State Board of Nursing.

To remain in and progress through the Nursing major, a "C" or better must be obtained in each required support and nursing course and the student must carry a cumulative average of 2.8. To pass all clinical nursing courses, a student must receive a satisfactory grade ("2" or better) in both the nursing concepts and nursing practice components of the courses. A student who has received less than a C (2) in any nursing course will be permitted to repeat the course only one time.

All students who interrupt the suggested progression of courses for any reason must submit to the Chairperson of the Department of Nursing a letter of intent before they will be eligible to register for any course in the nursing major at a later time. It should be noted that if there is a delay in the completion of required courses, there is no guarantee that degree requirements will remain constant although efforts will be made to accommodate each individual.

It is a policy of the Pennsylvania State Board of Nursing not to issue a license to an applicant who has been convicted of a felonious act.

BACCALAUREATE DEGREE COMPLETION PROGRAM—REGISTERED NURSES

The Department of Nursing offers a program that facilitates the progress of the Registered Nurse student who wishes to obtain the baccalaureate degree. The program for RNs offers flexibility, opportunity to earn nursing credit by exam, acceptance of transfer courses earned prior to admissions, and opportunity to earn through CLEP and NLN Mobility Examinations.

The program is presented at York College as well as through telecommunication resources to selected work sites.

Student records will be assessed individually for program planning of necessary prerequisites.

The following nursing courses must be taken and/or successfully challenged.

- | | |
|-------|---------------------------|
| *N201 | Human Development |
| *N202 | Nutrition and Health Care |
| *N210 | Basic Principles |
| *N305 | Concepts: Chronic Health |
| *N306 | Practice: Chronic Health |
| *N315 | Concepts: Parent/Child |
| *N316 | Practice: Parent/Child |

Course Descriptions

N320	Health Assessment Skills for the Registered Nurse
N411	Leadership in Nursing
N412	Research in Nursing
N455	Acute Care Concepts/Practice for the Registered Nurse
N456	Community Health Concepts/Practice for the Registered Nurse

* These courses may be challenged through college exams and NLN exams. All challenges must be successfully completed prior to beginning any clinical course (N455 or N456). A GPA of 2.8 is required for admission into the nursing major.

ADDITIONAL REQUIREMENTS: Registered Nurse License in Pennsylvania; Application for admission completed.

For additional information, contact the Department of Nursing or the Office of Continuing Studies.

HEALTH CERTIFICATION, TRANSPORTATION, INSURANCE AND OTHER COSTS

Health Certification:

All students must be certified by a physician and dentist to be of good health and capable of active participation in clinical experiences. Forms are available in the Department Office. The usual college admission physical examination is also required.

All nursing majors are expected to adhere to stated Department of Nursing health policies. These are required by Pennsylvania State Board of Nursing and contractual agencies.

Students must submit required medical, dental, and certification materials by September 1, or the first day of registration of the semester in the year they begin nursing practice, and annually thereafter; an exception is made for First Aid Certification which lasts for three years. Any student who does not have the necessary reports in the Nursing Department Office by September 1 or the first day of semester registration for a nursing course with a clinical component, will not be permitted in nursing practice facilities until required materials have been submitted, and will receive an unsatisfactory/unexcused absence from clinical for each day missed.

All students prior to being placed in nursing practice courses are required to be certified in CPR and all students not licensed are required to be certified in First Aid.

TRANSPORTATION

All students must provide their own transportation to all nursing practice facilities beginning with the sophomore year.

LIABILITY INSURANCE

All students in the sophomore, junior, and senior years registered for the clinical courses must carry liability insurance payable at the College Business Office.

UNIFORMS

Uniforms must be worn during planned nursing practice assignments supervised by YCP nursing faculty. Specific uniform policy and requirements will be discussed at beginning of the first nursing practice course. Subsequently, students must purchase uniforms and uniform supplies in preparation for nursing practice assignments.

MISCELLANEOUS

Other costs may include standardized tests, medical insurance, immunizations, graduate pin, meals at nursing practice facilities, subscriptions to professional journals, parking fees at some nursing practice facilities, textbooks, reference books, and preparation of an application for the State Board Examination.

Nursing

N201 Human Development and Health Care Fall-Spring Semesters

Study of normal growth and development through all life stages. Developmental theories explored and applied to developmental assessment as part of the nursing process. Concepts of community, family, and personal health discussed. Selected agencies providing care and services to clients throughout the life span may be utilized for observational visits related to human development.

3 class periods. 3 credit hours.

N202 Nutrition in Health Care

A study of normal nutrition and the motivational, social, economic and cultural factors influencing nutrition through all life stages. Assessment of nutritional states of clients as part of the nursing process. Application of diet therapy concepts for patients with selected health problems. Prerequisite: CHM111, Pre- or Corequisite: CHM112.

3 class periods. 3 credit hours.

Course Descriptions

N210 Basic Principles in Nursing Practice

Fall-Spring Semesters

The first clinical course introduces the nursing student to professional nursing roles and basic human needs of individuals. Students use systems and developmental theories in conjunction with the nursing process in providing care to clients. Emphasis is placed on communication, data collection, physical assessment skills, and beginning administration of drugs. Laboratory sessions are conducted in the skills laboratory and in selected health care settings. Admission to clinical nursing major; see previously cited requirements.

3 class periods.

6 hours laboratory periods.

5 credit hours.

N220 Health Assessment Skills for the Licensed Practical Nurse

This course is designed for licensed practical nurse students pursuing a baccalaureate education in nursing. Emphasis is on application of the conceptual approach to the YCP nursing curriculum, development of nursing process skills, and evaluation of clinical skills required for advanced placement in the nursing major.

3 class periods. 3 credit hours.

N230 Clinical Practice: Operating Room Summer Session

An elective course. Application of the nursing process to the nursing care of operative patients during surgical procedures; study of Operating Room procedures; supervised experience in nursing practice in the Operating Room. Prerequisite: Completion of all course requirements in the sophomore year.

1 class period.

2 three-hour laboratory periods.

3 credit hours.

N305 Nursing Concepts: Chronic Health Problems Fall-Spring Semesters

The family as a codeterminant of individual states of health is emphasized in relationship to health concerns of a chronic and relatively steady nature. Principles underlying human adaptational responses to chronic health changes and the significance for nursing intervention are emphasized. Prerequisite: Junior standing in the nursing major.

3 class periods. 3 credit hours.

N306 Nursing Practice: Adults with Chronic Health Problems

Fall-Spring Semesters

Individual and family assessment as a part of nursing process are addressed. Health promotion, health preservation and health recovery and continuity of care for both mental and physical concerns are stressed. Laboratory sessions are conducted in simulated and

real laboratories such as hospital in-patient settings and long-term care facilities in the community. Prerequisite: Junior standing in the nursing major. Pre- or Corequisite: N305.

2 class periods.

12 laboratory hours.

6 credit hours.

N315 Nursing Concepts: Parent Child Health Fall-Spring Semesters

This course will discuss the normal maternity cycle, the newborn, illness and hospitalization of the child, and growth and developmental deviations within the context of the family. Prerequisite: Junior standing in the nursing major.

3 class periods. 3 credit hours.

N316 Nursing Practice: Parent Child Care Fall-Spring Semesters

Family assessment as part of the nursing process will be included. Health promotion, maintenance and restoration as well as continuity of care will be stressed for both mental and physical dimensions. Laboratory sessions will be conducted in simulated and real laboratories such as hospital, home, and community based settings. Prerequisite: Junior standing in the nursing major. Pre- or Corequisite: N315.

2 class periods.

12 laboratory hours.

6 credit hours.

N320 Health Assessment Skills for the Registered Nurse

Designed for registered professional nurse students pursuing a baccalaureate education in nursing. Emphasis is on the application of the conceptual approach to the YCP nursing curriculum and the acquisition and evaluation of clinical skills required for advanced placement in the nursing major. Prerequisite: Advanced placement in nursing major or permission of instructor.

3 class periods. 3 credit hours.

N405 Nursing Concepts: Acute Health Problems Fall-Spring Semesters

Nursing concepts relating to the physical, emotional, and social needs of acutely ill individuals requiring hospitalization are emphasized. Concerns relating to family members are also explored. Prerequisite: Senior standing in nursing major.

3 class periods. 3 credit hours.

N406 Nursing Practice: Adults with Acute Health Problems

Critical judgments based on assessment of needs during acute health disruptions will be emphasized. Collaboration, coordination, and consultation with health team members will be stressed. Laboratory sessions will be conducted in hospital in-patient settings. Senior

Course Descriptions

standing in nursing major. Pre- or Corequisite: N405, N411.

1 class period.

12 laboratory hours.

5 credit hours.

N411 Leadership in Professional Nursing

Fall-Spring Semesters

Emphasis is on the leadership role of the professional who supervises and directs care given by a group of varied personnel to a group of clients. A study and analysis of the change-agent role, health care and social issues, advocacy relationships, and the legislative process. Principles underlying the ordering of values which work toward unity of the individual will be emphasized. Prerequisite: Senior standing in the nursing major.

3 class periods. 3 credit hours.

N412 Research and Professional Nursing Practice

Fall-Spring Semesters

Critical inquiry principles applied in the development of a research proposal related to a clinical nursing problem. Oral and written presentations of the proposal will be a course requirement. Prerequisites: B260 (or other statistics course) and senior standing in the nursing major.

3 class periods. 3 class credits.

N415 Nursing Concepts: Community Health

Fall-Spring Semesters

The community as a codeterminate of individual states of health will be emphasized. Community structure inter-relationships and health care delivery systems will be explored. Public health concepts as they relate to individuals, families, and groups in the community will be identified. Prerequisite: Senior standing in the nursing major.

3 class periods. 3 credit hours.

N416 Nursing Practice: Community Health

Fall-Spring Semesters

Introduction to community assessment as part of nursing will be included. An epidemiologic study of a problem or situation that affects the health of a community or a segment of population will be a course requirement. Laboratory sessions will be conducted in official and non-official health agencies and other community-based settings. Prerequisite: Senior standing in the nursing major. Pre- or Corequisite: N415, N412.

1 class period.

12 laboratory hours.

5 credit hours.

N420 Critical Care Certification Preparation Course

Fall Semester

This course is designed to prepare the critical care nurse for the AACN certification exam. In addition, it

will help to expand and update the knowledge of the practicing critical care nurse who is seeking continuing education. The emphasis of the course is the management of clients with critical illness based on the core curriculum for Critical Care Nursing.

3 class periods. 3 class credits.

N430 Selected Topics in Health Related Issues

Fall or Spring Semester

Different topics of health care issues will be featured each semester. Senior students will investigate the principal variables affecting the issues and develop a framework for health care practice. Prerequisite: Completion of all N300 level courses; non-nursing students complete 90 credits or have permission of instructor.

3 class periods. 3 class credits.

N455 Acute Care Concepts/Practice for the Registered Nurse

The focus is on selected concepts which underlie nursing practice in complex client and family situations. The interrelationships among physical, psychological and social concepts pertaining to a variety of practice areas are explored. Students investigate self-selected concepts in a variety of agencies during laboratory hours.

3 class periods.

6 laboratory hours.

5 credit hours.

N456 Community Health Concepts/Practice for the Registered Nurse

The community will be considered as a major determinate of health states in individuals and groups. Students will explore community structure and interrelationships among community participants as they influence the health care delivery system. The epidemiological analysis of selected health problems in the community will be the focus of learning. A clinical practicum in home health care is required of all students. Upon satisfactory completion of the home care experience, students are encouraged to design an individualized community-based care experience. The student will utilize the nursing process to promote health in a small community.

3 class periods.

6 laboratory hours.

5 credit hours.

N498, N499 Independent Study

Fall or Spring Semester

The Independent Study Program affords an opportunity for the nursing student who wishes to undertake a well-defined project. While the student conducts his work under the guidance of a nurse faculty member of his own choosing, the project is carried out in an independent manner without regular class meetings. Effective independent study is characterized by a reduction

Course Descriptions

in formal instruction and an increase in the individual student's responsibility and initiative in the learning process. Prerequisite: Senior standing and consent and approval of the Department of Nursing Chair and Academic Dean.

1-3 credit hours.

PHYSICAL SCIENCES DEPARTMENT

Four-year programs leading to the Bachelor of Science degree are available in Chemistry, Mathematics, Medical Technology, Engineering Management, Secondary Education Mathematics, Secondary Education General Science, and Physical Science with concentrations in Chemistry, Earth and Space/Geographical Sciences, Mathematics, Physics, or Forensic Science/Criminalistics. A Premedicine/Predentistry option is provided within the Physical Science major. The Medical Technology program includes three years of classroom and laboratory instruction followed by one year of hospital clinical study.

There is a Combined Plan affiliation with the School of Engineering and Applied Sciences of Columbia University in New York City. The Combined Plan allows a student to devote three years to the study of liberal arts and sciences at York College before transferring to Columbia University for two years of engineering or Science studies. This 3-2 (five-year) program leads to a Bachelor of Science degree from York College and a Bachelor of Science degree with a major in engineering or applied science from Columbia University.

Two-year curricula leading to the Associate of Science degree are offered in Chemistry, Engineering, Mathematics, and Physics.

Chemistry

The Chemistry Major is designed to prepare students for graduate or professional studies or for employment as a chemist. The program of study follows curriculum guidelines outlined by the American Chemical Society. Required courses for the major include CHM131, CHM132, MAT171, MAT172, MAT271, PHY121 (or PHY131), PHY122 (or PHY132), CHM231, CHM232, MAT250, CHM333, CHM334, CHM341, CHM342, CHM443, CHM481, PSC473, and one course chosen from CHM433, CHM482, CHM490, or BS402 plus 7-8 credits of free electives.

CHM111 Concepts in Chemistry*

Fall Semester

A discussion of the basic facts and fundamental laws of chemistry. An introduction to stoichiometry, atomic structure, chemical bonding, gas laws, solutions, acids

and bases, chemical equilibria, thermodynamics, kinetics, nuclear chemistry and some descriptive chemistry.

3 class periods.

1 three-hour laboratory period.

4 credit hours.

CHM112 Concepts in Chemistry*

Spring Semester

A continuation of CHM111. An introduction to organic and biochemistry. A study of the nomenclature, preparation, properties, and reactions of aliphatic and aromatic hydrocarbons, and organic compounds containing oxygen, nitrogen and halogens. Selected biochemical topics are presented.

3 class periods.

1 three-hour laboratory period.

4 credit hours.

CHM131 General Chemistry*

Fall Semester

Recommended for all science and engineering majors as well as medical technology, premedical, pre dental, preveterinary, and prepharmacy majors. An introduction to stoichiometry, atomic structure, chemical bonding, properties and reactions of inorganic compounds, introductory thermodynamics, acids and bases, and oxidation-reduction reactions.

3 class periods.

1 three-hour laboratory period.

4 credit hours.

CHM132 General Chemistry*

Spring Semester

A continuation of CHM131. Study of gas laws, states of matter, thermodynamics, acids and bases, ionic equilibria, electrochemistry, nuclear chemistry, and descriptive chemistry of the elements.

3 class periods.

1 three-hour laboratory period.

4 credit hours.

CHM200 Chemistry and Society*

Fall-Spring Semesters

This course is designed as a modular approach to the study of chemistry and how chemistry relates to societal problems and issues. Chemical concepts are introduced on a supporting basis. The course is divided into five basic units. The first introduces basic chemical concepts which will be applied throughout the course. The remaining four units consider the aqueous environment, atmospheric issues, energy, and materials.

2 class periods.

1 three-hour laboratory period.

3 credit hours.

* May be used to fulfill laboratory science core requirement.

Course Descriptions

CHM231 Organic Chemistry

Fall Semester

The chemistry of carbon compounds. An integrated study of the nomenclature, preparation, properties, stereochemistry, and reactions of aliphatic and aromatic compounds. The relationship between structure and reactivity is developed for each class of compounds. Mechanisms are stressed.

3 class periods.

1 three-hour laboratory period.

4 credit hours.

CHM232 Organic Chemistry

Spring Semester

Continuation of CHM231. Includes oxygen, sulfur, nitrogen and halogen containing compounds. Spectroscopic analysis and organic medicinal topics are included.

3 class periods.

1 three-hour laboratory period.

4 credit hours.

CHM333 Quantitative Analytical Chemistry

Fall Semester

Classical methods of chemical analysis augmented by use of new titrants and ion selective electrodes. The theory and techniques of gravimetric, volumetric, and potentiometric analysis are included. Prerequisite: CHM131-132.

2 class periods.

2 three-hour laboratory periods.

4 credit hours.

CHM334 Instrumental Analytical Chemistry

Spring Semester

An introduction to the theoretical principles and applications of modern instrumental methods of analysis. Topics include spectroscopy, chromatograph, and electrochemical techniques. Prerequisite: CHM131-132.

2 class periods.

2 three-hour laboratory periods.

4 credit hours.

CHM341 Physical Chemistry I

Fall Semester

A calculus based study of theoretical chemistry. Topics include thermodynamics, phase relations, solution properties, chemical equilibria, kinetic theory, and electrochemistry. Prerequisite: CHM132, PHY122 (or PHY132), CHM232, MAT272.

3 class periods.

1 three-hour laboratory.

4 credit hours.

CHM342 Physical Chemistry II

Spring Semester

A continuation of Physical Chemistry I. Topics include kinetics, atomic and molecular structure, an introduc-

tion to quantum mechanics, and spectroscopy. Prerequisite: CHM433.

3 class periods.

1 three-hour laboratory period.

4 credit hours.

CHM433 Advanced Organic Chemistry

Spring Semester

A study of the principles and applications of physical, theoretical and mechanistic organic chemistry. Topics include methods of synthesis of organic molecules, kinetics and mechanisms of organic reactions, structure-activity relationship and spectroscopy. Prerequisite: CHM232.

3 class periods.

CHM443 Inorganic Chemistry

Fall Semester

A study of the descriptive and theoretical aspects of modern inorganic chemistry. Topics include atomic structure, bonding theories, acid-base concepts, chemistry of the main group elements, coordination chemistry and the transition elements, and selected topics of current interest. Prerequisite: CHM132, CHM232.

3 class periods.

CHM481, CHM482 Independent Study

The independent Study Program enables a student to do research or in-depth study in a specialized area of chemistry. While the student conducts his/her work under the guidance of a faculty member whom he/she chooses, there may or may not be regular class meetings. Effective independent study is characterized by a reduction in formal instruction by faculty and an increase in student initiative and responsibility for his/her own process of learning.

1-6 credits per semester.

CHM490 Chemistry Internship

This off-campus internship is designed to give the students an opportunity to make use of the practical aspects of their classroom knowledge, thus developing their confidence and understanding through experience. The corporate supervisor and the faculty supervisor will evaluate student's performance. Prerequisite: Junior standing including CHM131-132, CHM231-232 and departmental approval of each participant's individual program.

3 credit hours each semester.

Engineering

York College is associated with Columbia School of Engineering and Applied Sciences. The Combined Plan enables a student to devote three years to the study of liberal arts and sciences at York College before transferring to Columbia for two years of Engineering studies. This 3-2 (five-year) program leads to a Bachelor of

Course Descriptions

Science degree from York College and a Bachelor of Science degree with a major in Engineering or Applied Science from Columbia University. Students pursuing the Associate Degree will be able to transfer to other Engineering Schools awarding the B.S. degrees in mechanical, electrical, civil, chemical and other engineering curriculum.

EGR143 Engineering Graphics

Fall-Spring Semesters

Graphic solutions of problems utilizing the principles of orthographic projection: Multiview, Isometric, Auxiliary projection, Sectioning and principles of Dimensioning.

2 two-hour class periods. 2 credit hours.

EGR244 Introduction to CAD:

Fall-Spring Semesters

This course is designed to give the student a basic understanding of CAD terminology, its hardware and software. The course will include the creation of geometric computer designs and manipulations of geometric components as well as addition of text and computer dimensions. Computer drawings will also be generated.

2 class periods.

1 three-hour laboratory period. 3 credit hours.

EGR251 Statics

Fall Semester

Fundamental concepts; composition and resolution of forces; equilibrium; coplanar and non-coplanar force systems, algebraic and graphical solutions, static and kinetic friction; center of gravity and moment of inertia, practical applications of principles of mechanics. Vector methods are used. Prerequisite: MAT172, PHY131.

3 class periods. 3 credit hours.

EGR252 Dynamics

Spring Semester

Velocity and acceleration; motion of particles; motion of rigid bodies; unbalanced forces, work and energy; impulse and momentum. Prerequisite: PHY131, MAT271.

3 class periods. 3 credit hours.

EGR264 Strength of Materials

Spring Semester

Simple tension, compression, shear, torsion, flexure, deflection of beams, combined stresses, riveted and welded joints, column theory and design. Prerequisite: PHY131-PHY132.

3 class periods. 3 credit hours.

EGR490 Engineering Internship

This off-campus internship is designed to give the students an opportunity to make use of the practical aspects of their classroom knowledge, thus developing their confidence and understanding through experi-

ence. The corporate supervisor and the faculty supervisor will evaluate student's performance. Prerequisite: Junior standing including EGR144, EGR143, PHY131, PHY132, PHY231, EGR251, EGR252 and departmental approval of each participant's individual program.

3 credit hours each semester.

Mathematics

The Major in Mathematics is modeled after the requirements of the Mathematical Association of America. It is designed to prepare students for either a career in Mathematics or to continue their studies in graduate school. The program provides a solid core of Calculus, Algebra, and Mathematical Structures. Electives can be chosen in the areas of Probability/Statistics, Geometry, and Numerical or Complex Analysis.

MAT100 Basic Algebra

Fall-Spring Semesters

A basic algebra course emphasizing linear equations and inequalities in one variable, exponents (integral and rational), polynomials, factoring, rational expressions and quadratic equations. This course presents a review of the arithmetic and algebra needed for future math courses. Students enrolled in this course must receive a grade of "2" or better before taking any other math course. Students who have successfully completed math courses above this level are not permitted to schedule this course. This course may not be used to fulfill a mathematics core requirement. Enrollment is at the discretion of the department.

3 class periods. 3 credit hours.

MAT105 College Algebra*

Fall-Spring Semesters

Designed to prepare students in algebraic skills. Topics include equations in one and two variables, inequalities, systems of equations, quadratic equations, polynomial functions, exponents, and logarithms.

3 class periods. 3 credit hours.

MAT110 College Mathematics*

Fall-Spring Semesters

A one-semester course in finite mathematics. Topics will be chosen from logic, sets, linear equations, matrices, linear programming, probability, statistics, and game theory.

3 class periods. 3 credit hours.

MAT120 Business Calculus*

Fall-Spring Semesters

A one-semester calculus course designed for Business majors. Topics will include calculation of derivatives, maximum-minimum problems, curve sketching, calculation of integrals, area under curves, and applications. The course uses applications from the business

Course Descriptions

sector. Prerequisite: College Algebra MAT105, or the equivalent.

3 class periods. 3 credit hours.

MAT125 College Trigonometry*

Spring Semester

A course that includes the basic trigonometric functions, use of the trigonometric tables, graphs of complex trigonometric functions, functions of multiple angles, and solutions to triangle problems.

3 class periods. 3 credit hours.

MAT171, MAT172, MAT271 Analytic Geometry and Calculus I*, II*, III

Fall-Spring Semesters

Cartesian coordinates, slope, straight lines, conic sections, polar coordinates, limits, differentiation, integration, and applications of calculus to the physical sciences and engineering. Series expansion of functions, partial derivatives, and multiple integration. Prerequisite: Two units of high school algebra, one unit of trigonometry and satisfactory achievement in college entrance examinations, or College Algebra MAT105; College Trigonometry MAT125.

4 class periods. 4 credit hours.

MAT190 Mathematics for Elementary Education

Fall-Spring Semesters

Designed to provide the mathematical concepts needed to teach mathematics in the elementary and middle school. Topics include set theory, logic and proof, and development of numbers. This course is required for all Elementary Education majors. Other majors are strongly discouraged from taking this course.

3 class periods. 3 credit hours.

MAT230 Computer Methods in Mathematics

Fall Semester

A course using the computer and algorithms to solve many of the basic numerical problems in mathematics. Topics will include algebraic, calculus, number theory, and statistical problems. Prerequisite: MAT172 and a knowledge of an appropriate computer language is assumed.

3 class periods. 3 credit hours.

MAT250 Elements of Statistics

Spring Semester

An introductory course which includes probability distributions, confidence intervals, hypothesis testing, analysis of variance, and linear regression. Prerequisite: MAT105 or equivalent. Students who have taken B260 or QBA260 are not permitted to schedule this course.

3 class periods. 3 credit hours.

MAT260 Elementary Linear Algebra*

Spring Semester

An introductory course including study of linear equations, determinants, vectors in the plane and in space, vector spaces, linear transformations, and eigenvalues. Designed as a serious mathematics course for students in the physical sciences, mathematics education, business or the mathematically curious. Prerequisite: College Algebra MAT105, or the equivalent.

3 class periods. 3 credit hours.

MAT272 Differential Equations

Spring Semester

An introductory course including 1st-order equations, nth-order linear equations, Laplace transforms, and series solutions. Some applications to physics and engineering. Prerequisite: MAT271.

4 class periods. 4 credit hours.

MAT280 Mathematical Structures

Fall-Spring Semesters

A first course in pure mathematics. Topics include sets, logic, mathematical proofs, relations and functions.

3 class periods. 3 credit hours.

MAT290 Mathematics for Elementary Education II

Fall-Spring Semesters

Mathematical concepts taught in the elementary and middle school. Topics include geometry, measurement, probability, statistics, patterns and relationships, and problem solving. Prerequisite: MAT105 and MAT190.

3 class periods. 3 credit hours.

MAT340 Introduction to Geometry

Fall Semester

A rigorous presentation of Euclidean geometry with some topics in non-Euclidean geometry.

3 class periods. 3 credit hours.

MAT350 Probability and Statistics

Fall Semester

A calculus-based course in probability and statistics including distributions of random variables, populations and random sampling, chi-square, t, and F distributions, estimation and tests of hypothesis, correlation and regression theory of two variables. Prerequisite: MAT271.

3 class periods. 3 credit hours.

MAT361 Abstract Algebra I

Fall Semester

An introduction to the study of modern algebra, with emphasis on groups, rings, and fields. Prerequisite: MAT280.

3 class periods. 3 credit hours.

* May be used to fulfill mathematics core requirement.

Course Descriptions

MAT362 Abstract Algebra II

Spring Semester

A continuation of Abstract Algebra I with extended development of groups, rings, integral domains, and fields. Prerequisite: MAT361.

3 class periods. 3 credit hours.

MAT371, MAT372 Advanced Calculus I and II

Fall-Spring Semesters

The course generalizes elementary calculus and presents it in a mathematically rigorous manner. It introduces the student to more advanced topics in calculus.

Prerequisite: MAT271, MAT280.

3 class periods. 3 credit hours each semester.

MAT440 Advanced Geometry

Spring, even numbered years

A senior level course with various emphases including advanced topics in Euclidean geometry, transformational geometry, and projective geometry. Prerequisite: MAT340.

3 class periods. 3 credit hours.

MAT473 Partial Differential Equations

Fall Semester

An introduction to the study of partial differential equations with emphasis on practical applications. Prerequisite: MAT272.

3 class periods. 3 credit hours.

MAT475 Numerical Analysis

Fall, even numbered years

An advanced mathematics course covering selected theoretical and applied problems in the applied mathematics field. Topics include but are not limited to methods in linear algebra, the Wierstrass approximation theorem, approximations of the definite integral using the Simpson, Gauss, Newton-Cotes and Romberg formulas, and solutions to Differential Equations using Taylor-Series and Runge-Kutte methods. Knowledge of Basic, Fortran or Pascal is required.

3 class periods. 3 credit hours.

MAT477 Complex Analysis

Spring, odd numbered years

A one semester course on the theory and applications of functions of a complex variable. Prerequisite: MAT272 Differential Equations, MAT371 Advanced Calculus I.

3 class periods. 3 credit hours.

MAT480 Point-Set Topology

Fall, odd numbered years

A study of elementary set theory and a survey of the standard topics of point-set topology, with emphasis on applications to the space of reals. Prerequisite: MAT172.

3 class periods. 3 credit hours.

MAT490 Mathematics Internship

This off-campus internship is designed to give the students an opportunity to make use of the practical aspects of their classroom knowledge, thus developing their confidence and understanding through experience. The corporate supervisor and the faculty supervisor will evaluate student's performance. Prerequisite: Junior standing including all MAT171, MAT172, MAT271, MAT272 and departmental approval of each participant's individual program.

3 credit hours each semester.

MAT496, MAT497 Reading and Research in Mathematics

Fall-Spring Semesters

The course is designed to allow the student to pursue an area of interest in the field of mathematics. This course is limited to seniors who have previously demonstrated a high degree of proficiency in mathematics.

3 class periods. 3 credit hours.

MEDICAL TECHNOLOGY

Bachelor of Science Degree

A Medical Technologist performs tests under the direction of pathologists, physicians or scientists who specialize in clinical chemistry, microbiology, diagnosis of disease, and other biological sciences. Upon attaining the B.S. Degree and passing the National Registry Examination, the Medical Technologist is qualified to work in medical laboratories in hospitals or private facilities, research laboratories, industrial laboratories, and many others.

Students pursuing the Bachelor of Science Degree in Medical Technology spend three years at the College followed by a fourth Clinical year of study at an approved School of Medical Technology. During the summer before the junior year, students arrange with the Medical Technology Coordinator to apply for the senior Clinical year. The College cannot guarantee acceptance at the hospital since enrollment is limited by the size of the hospital-based program. However, the College assists in placing students in a clinical program. Selection criteria used by hospitals for Clinical year candidates include student's cumulative G.P.A., letters of recommendation, personal interviews, and college affiliation. Students are encouraged to maintain a minimum 3.0 G.P.A. in order to be viable Clinical year candidates. Completion of course work, including clinical experience, is required before a student is eligible to take the National Registry Examination.

Should a student elect not to continue in the Medical Technology Program or not be admitted to the hospital-based professional program, the student can easily switch to a Biology, Chemistry or Physical Science major. Students not accepted for the Clinical year of study may reapply the following year.

Course Descriptions

The Clinical year is normally a twelve-month program beginning in August of a student's senior year. Students will register with the college during the Clinical year of study; however, no tuition is remitted to the College. The College Financial Aid Office remains available for assistance. Students are permitted to participate in the formal spring graduation ceremony at the College even though the Clinical year program is still in progress.

York College is affiliated with York Hospital, York, Pa.; Medical College Hospitals, Elkins Park, Pa.; Lancaster General Hospital, Lancaster, Pa.; Harrisburg Hospital, Harrisburg, Pa.; and Polyclinic Medical Center, Harrisburg, Pa. The programs of study vary somewhat with each hospital. Students may pursue the senior clinical year of study at the affiliate hospitals or CAHEA accredited non-affiliate programs.

MT401 Clinical Microbiology

Identification and clinical pathology of bacteria, fungi, viruses and parasites. Techniques to isolate, stain, culture and determine antimicrobial susceptibility. Instrumentation; quality control.

MT402 Clinical Chemistry

A study of enzymology, endocrinology, biochemistry of lipids, carbohydrates and proteins, metabolism of nitrogenous end products, physiology and metabolism of fluids and electrolytes and toxicology as related to the body and diseases. The technical procedures include colorimetry, spectrophotometry, electrophoresis, chromatography, automation and quality control.

MT403 Clinical Hematology/Coagulation

A study of the composition and function of blood; diseases related to blood disorders; the role of platelets and coagulation. Manual and automated techniques of diagnostic tests for abnormalities.

MT404 Clinical Immunohematology

A study of blood antigens, antibodies, crossmatching,

hemolytic diseases, and related diagnostic tests. An in-depth study of blood donor service and its many facets such as transfusions, medico-legal aspects, etc.

MT405 Clinical Immunology/Serology

A study of immune response, immunoglobulins, autoimmunity and complement and related tests and diseases. Survey and demonstration of serological diagnostic tests.

MT406 Clinical Seminar

Courses not included in the above, such as orientation, laboratory management, education, or clinical microscopy; and other courses unique to the individual hospital program.

Physical Science

ESS111 Earth and Space Science*

Fall-Spring Semesters

Earth and Space Science is an introductory laboratory-oriented course which includes a study of the basic principles of geology and astronomy. By using the scientific method, the course covers a study of the earth, the study of the formation of common rocks and minerals, rock classification, mountain building, the structure of the earth, geological processes that create the surface landscape, plate tectonics, geologic and topographic maps, the solar system, planetary motion, the sun and star evolution, the moon and celestial observation. Field trips are part of this course.

2 class periods.

1 three-hour laboratory period.

3 credit hours.

PSC111, PSC112 Physical Science*

Fall-Spring Semesters

A course for non-science majors with limited mathematical background. Emphasis on the relationship of scientific principles to daily experience. The first semester covers areas including force, motion, gravity, energy, heat, temperature, wave motion and sound. The second semester covers light, static electricity, electrical currents, and modern concepts.

2 class periods.

1 three-hour laboratory period.

3 credit hours each semester.

* May be used to fulfill laboratory science core requirement.

PSC433 Special Topics In The Physical Sciences Spring Semester (alternate years)

An interdisciplinary science course designed to introduce topics of current or special interest. The course crosses over the perceived barriers which define each scientific discipline via a broad based, interdisciplinary approach to the study of selected science topics. Prerequisite: Junior class standing.

3 class periods. 3 credit hours.



Course Descriptions

PSC473 Physical Science Seminar

This course is designed to expose the student to searching and critically reading the referred literature in several areas of the physical sciences. The student will read and present to classmates several papers from his/her own selected concentration. He/she will critically discuss papers from several related physical science areas. Prerequisite: Junior class standing.

PSC481, PSC482 Independent Study

The independent Study Program enables a student to do research or in-depth study of a particular area in the physical sciences. While the student conducts their work under the guidance of a faculty member of their choice, there may or may not be regular class meetings. Effective independent study is characterized by a reduction in formal instruction by faculty and an increase in student initiative and responsibility for his/her own process of learning.

1–6 credits per semester.

Physics

This curriculum is designed to prepare the students to transfer to other universities which award a B.S. degree in Physics. Although a traditional Physics major is not offered, students may pursue a Physical Science major with Physics concentration.

PHY121, PHY122 General Physics*

Fall-Spring Semesters

An introduction to college physics covering the field of mechanics, heat, sound, electricity, light, and selected topics of modern physics. Emphasis on theory, problems, and practical applications. This course is intended for students not majoring in Physics or Engineering. Prerequisite: High School Algebra and trigonometry or equivalent.

3 class periods.

1 three-hour laboratory period.

4 credit hours each semester.

PHY131 Engineering Physics (Mechanics)

Fall Semester

This course is intended for first-year students who are majoring in Physics or Engineering. This semester deals with systems of forces, equilibrium, linear motion, work and energy, momentum, circular motion, rotational motion and moment of inertia, elastic properties of matter, hydrostatics, hydrodynamics, harmonic motion. Emphasis is on theory, problems, and practical applications. Prerequisite: MAT171, MAT172.

3 class periods.

1 three-hour laboratory period.

4 credit hours.

PHY132 Engineering Physics (Heat, Thermodynamics and Sound)

Spring Semester

This semester covers temperature and heat, thermal expansion, change of phase, transfer of heat, equation of state, laws of thermodynamics, heat engines, kinetic theory of gases, wave motion, transmission and detection of sound, interference, resonance, Doppler's Effect, sources of musical sounds, architectural acoustics. Prerequisite: MAT171.

3 class periods.

1 three-hour laboratory period.

4 credit hours.

PHY231 Engineering Physics (Electricity and Magnetism)

Fall Semester

A study of static electricity, electric field, Gauss' law, electric potential, capacitors and dielectrics, Ohmic law, electromotive force and electrical circuits, magnetic field, Ampere's law, Faraday's law, inductance, magnetic properties of matter, electromagnetic oscillations, Maxwell equations, and electromagnetic wave theory. Prerequisite: MAT271-Concurrent.

3 class periods.

1 three-hour laboratory period.

4 credit hours.

PHY232 Engineering Physics (Optics and Modern Physics)

Spring Semester

A study of nature and propagation of light, reflection and refraction of light, interference, diffraction and polarization, special theory of relativity, quantum theory of light, photoelectric effect, x-ray diffraction, Compton effect, wave properties of particles, uncertainty principle and its applications, atomic models, atomic spectra, quantum mechanics, statistical mechanics, atomic nucleus, nuclear transformations, elementary particles, etc. Prerequisite: MAT271.

3 class periods.

1 three-hour laboratory period.

4 credit hours.

PHY490 Physics Internship

This off-campus internship is designed to give the students an opportunity to make use of the practical aspects of their classroom knowledge, thus developing their confidence and understanding through experience. The corporate supervisor and the faculty supervisor will evaluate student's performance. Prerequisite: Junior standing including PHY131, PHY132, PHY231, PHY232, EGR251, EGR252 and departmental approval of each participant's individual program.

3 credit hours each semester.

* May be used to fulfill laboratory science core requirement.



Rosters



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York College of Pennsylvania

Calendars

FALL SEMESTER 1993-94

1993

Wednesday, September 1

6:15 p.m. to 7:30 p.m.

Registration for Evening Sessions

Sunday, September 5

Exploriation Program for New Students Begins

Monday, September 6

1:00 p.m.

College Housing Opens for Returning Students

Tuesday, September 7

9:00 a.m. to 4:00 p.m.

Late Scheduling

Wednesday, September 6

8:00 a.m.

Classes Begin

Wednesday, September 6

Late Registration Fee Applies

Wednesday, September 15

Last Day to Enter, Switch or Add Classes for the Semester

Tuesday, September 21

Last Day to Elect Pass-Fail Option in Stated Courses

Friday, October 1

Last Day to Apply for Winter Commencement Degree

Friday, October 22

5:00 p.m.

Fall Break Begins

Wednesday, October 27

8:00 a.m.

Classes Resume

Friday, October 29

Last Day to Withdraw from Courses

Tuesday, November 23

10:00 p.m.

Thanksgiving Vacation Begins

Monday, November 29

8:00 a.m.

Classes Resume

Tuesday, December 14

Last Day of Regular Classes for the Semester

Wednesday, December 15

Reading Day

Final Examinations for Wednesday Evening Classes

Thursday thru Tuesday, December 16-21

Final Examinations

Wednesday, December 22

10:30 a.m.

Commencement

SPRING SEMESTER 1993-94

1994

Wednesday, January 12

6:15 p.m. to 7:30 p.m.

Registration for Evening Sessions

Sunday, January 16

4:00 p.m.

College Housing Opens

Tuesday, January 18

9:00 a.m. to 4:00 p.m.

Late Scheduling

Wednesday, January 19

8:00 a.m.

Classes Begin

Wednesday, January 19

Late Registration Fee Applies

Wednesday, January 26

Last Day to Enter, Switch or Add Classes for the Semester

Tuesday, February 1

Last Day to Elect Pass-Fail Option in Stated Courses

Tuesday, February 15

Last Day to Apply for Spring Commencement Degree

Saturday, February 26

12 Noon

Winter Vacation Begins

Monday, March 7

8:00 a.m.

Classes Resume

Friday, March 18

Last Day to Withdraw from Courses

Wednesday, March 30

10:00 p.m.

Spring Vacation Begins

Tuesday, April 5

8:00 a.m.

Classes Resume

Calendars

Friday, May 6
Last Day of Regular Classes for the Semester
Saturday thru Thursday, May 7-12
Final Examinations
Saturday, May 14
10:30 a.m.
Commencement

SUMMER 1994

Registration by mail for all summer sessions is encouraged from March 1 to one week prior to the start of classes each session.

"In-person" registration will also be accepted in the Continuing Studies Office Monday through Friday, 8:30 a.m. to 5:00 p.m. After Spring Commencement, summer hours prevail. This type of registration is available from March 1 until the first day of classes each session.

Mini-Mester Three-week Summer Session May 18—June 18

Tuesday, May 17
1:00 p.m.
College Housing Opens
Wednesday, May 18
8:00 a.m.
Classes begin
Monday, May 30
Memorial Day—No Classes
Wednesday, June 10
Classes End

Summer I Five-week Summer Session June 13—July 14

Wednesday, June 8
6:15 p.m. to 7:30 p.m.
Registration
Sunday, June 12
1:00 p.m.
College Housing Opens
Monday, June 13
8:00 a.m.
Classes begin
Monday, July 4
Independence Day—No Classes
Thursday, July 14
Classes End

Summer II Five-week Summer Session July 18—August 18

Wednesday, July 13
6:15 p.m. to 7:30 p.m.
Registration
Sunday, July 17
1:00 p.m.
College Housing Opens
Monday, July 18
8:00 p.m.
Classes Begin
Thursday, August 18
Classes End

FALL SEMESTER 1994-95

1994

Monday, August 29
6:15 p.m. to 7:30 p.m.
Registration for Evening Sessions
Sunday, September 4
Exploriation Program for New Students Begins
Monday, September 5
1:00 p.m.
College Housing Opens for Returning Students
Tuesday, September 6
9:00 a.m. to 4:00 p.m.
Late Scheduling
Wednesday, September 7
8:00 a.m.
Classes Begin
Wednesday, September 7
Late Registration Fee Applies
Wednesday, September 14
Last Day to Enter, Switch or Add Classes for the Semester
Tuesday, September 20
Last Day to Elect Pass-Fail Option in Stated Courses
Monday, October 3
Last Day to Apply for Winter Commencement Degree
Friday, October 14
5:00 p.m.
Fall Break Begins
Wednesday, October 26
8:00 a.m.
Classes Resume
Friday, October 28
Last Day to Withdraw from Courses
Tuesday, November 22
10:00 p.m.
Thanksgiving Vacation Begins

Calendars

Monday, November 28

8:00 a.m.

Classes Resume

Tuesday, December 13

Last Day of Regular Classes for the Semester

Wednesday, December 14

Reading Day

Wednesday, December 14

Final Examinations for Wednesday Evening Classes

Thursday thru Tuesday, December 15–20

Final Examinations

Wednesday, December 21

10:30 a.m.

Commencement

SPRING SEMESTER 1994–95

1995

Wednesday, January 11

6:15 p.m. to 7:30 p.m.

Registration for Evening Sessions

Sunday, January 15

4:00 p.m.

College Housing Opens

Tuesday, January 17

9:00 a.m. to 4:00 p.m.

Late Scheduling

Wednesday, January 18

8:00 a.m.

Classes Begin

Wednesday, January 18

Late Registration Fee Applies

Wednesday, January 25

Last Day to Enter, Switch or Add Classes for the Semester

Tuesday, January 31

Last Day to Elect Pass-Fail Option in Stated Courses

Wednesday, February 15

Last Day to Apply for Spring Commencement Degree

Saturday, March 4

12 Noon

Winter Vacation Begins

Monday, March 13

8:00 a.m.

Classes Resume

Friday, March 17

Last Day to Withdraw from Courses

Wednesday, April 12

10:00 p.m.

Spring Vacation Begins

Tuesday, April 18

8:00 a.m.

Classes Resume

Friday, May 5

Last Day of Regular Classes for the Semester

Saturday thru Thursday, May 6–11

Final Examinations

Saturday, May 13

10:30 a.m.

Commencement



York College of Pennsylvania

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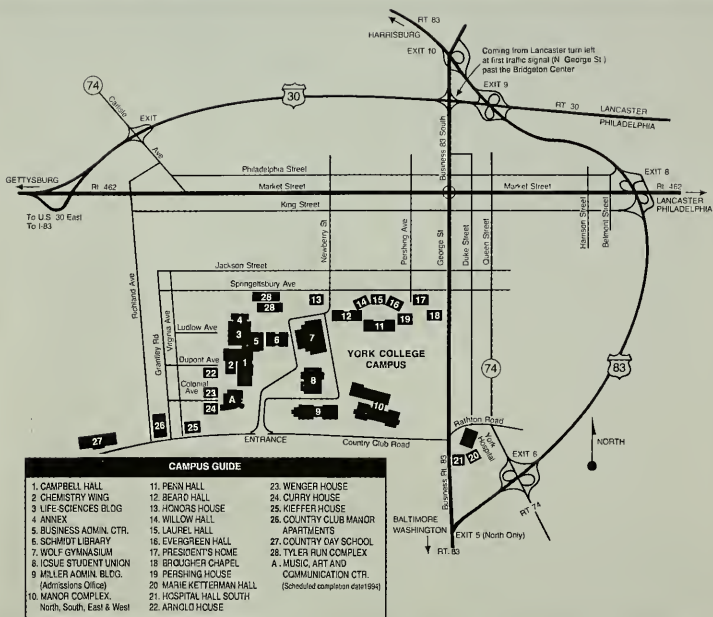
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HAVE ANY FRIENDS WHO MIGHT BE INTERESTED IN YORK COLLEGE?

Please have them mail in one of the attached cards or write to the college and we will be happy to send them a catalog and an application. All correspondence should be addressed to:

Director of Admissions

York College
of Pennsylvania

York, Pennsylvania 17405-7199

YORK



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